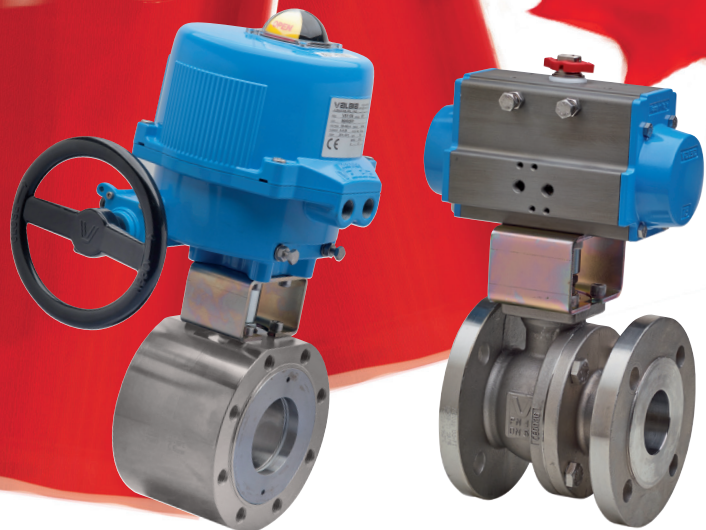


**BONOMI**  
NORTH AMERICA

**2018**



**PRICE LIST**  
**EFFECTIVE SEPTEMBER 1<sup>st</sup> 2018**

**PNEUMATIC AND ELECTRIC**  
**ACTUATED VALVE PACKAGES**



**VALPRES**

**VALBIA**



# POWER OF A GROUP



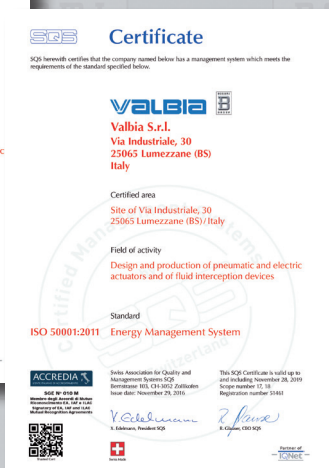
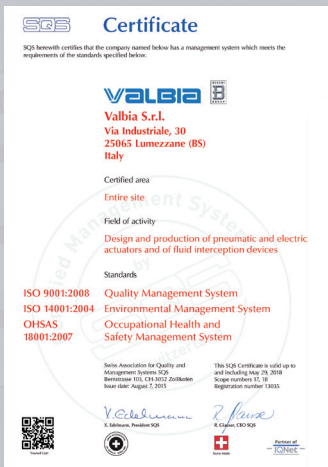
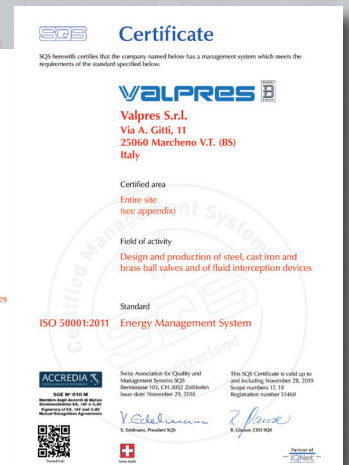
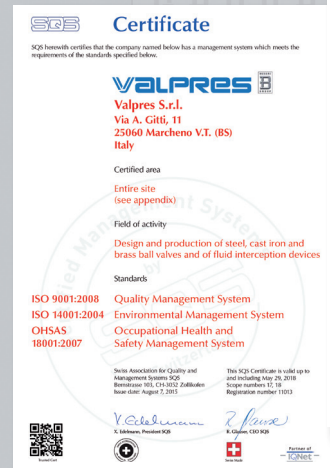
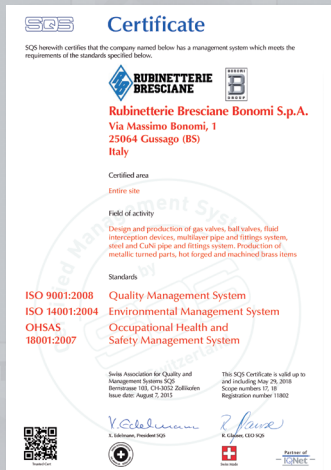
Only excellence allows Bonomi Group to compete in the international market.

The challenge can be met thanks to the passion and the energy of the researchers, who plan and manufacture avant-garde quality and technology, a team which is perfectly integrated for providing total customer satisfaction; we are ready!





## ISO 9001 - ISO 14001 - OHSAS 18001 - ISO 50001





# INSURANCE

Allianz @ RAS

Allianz S.p.A.  
Divisione Vita Italia  
CORONA ASSICURATIVA  
SPINALE ASSICURATIVA TORINO  
Via Molino, 5/7  
10128 TORINO (TO) - ITALY  
Tel. 011/23891111 - 0039/02/10123114  
Fax 011/23891122  
e-mail: 0210000000@allianz.it  
Pec: 0210000000@allianz.it

**CERTIFICATE OF INSURANCE**

By ALLIANZ S.p.A. hereby certify to have in force the insurance policy described herebelow and to be the Insurer in connection with the coverage, as hereinafter specified, provided by said policy.

**POLICY DESCRIPTION**  
Policy number: 72871022  
Name and address of the Insured: RUBINETTERIE BRESCIANE BONOME SPA  
VIA MASSIMO BONOME 1 - 25044 GUSGAGO BS ITALY  
Coverage and limits: Product Liability up to a limit of Euro 5.000.000,00 per event and per year  
Effective date - Midnight: 12.31.2018  
Expiration date - Midnight: 12.31.2018  
The premium has been paid.

Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policy described herein is subject to all terms, exclusions and conditions of such policy.  
This certificate of insurance is not an insurance policy.  
This certificate is issued as a matter of information only and confers no rights upon the certificate holder.  
This certificate does not amend, extend or alter the coverage afforded by the above mentioned policy.

Date: 01.29.2018



**RUBINETTERIE  
BRESCIANE**

Allianz @ RAS

Allianz S.p.A.  
Divisione Vita Italia  
CORONA ASSICURATIVA  
SPINALE ASSICURATIVA TORINO  
Via Molino, 5/7  
10128 TORINO (TO) - ITALY  
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Fax 011/23891122  
e-mail: 0210000000@allianz.it  
Pec: 0210000000@allianz.it

**CERTIFICATE OF INSURANCE**

By ALLIANZ S.p.A. hereby certify to have in force the insurance policy described herebelow and to be the Insurer in connection with the coverage, as hereinafter specified, provided by said policy.

**POLICY DESCRIPTION**  
Policy number: 72725887  
Name and address of the Insured: VALPRES SPA  
VIA ANGELO OTTE 11 20090 MARCHENO BS ITALY  
Coverage and limits: Product Liability up to a limit of Euro 5.000.000,00 per event and per year  
Effective date - Midnight: 12.31.2017  
Expiration date - Midnight: 12.31.2018  
The premium has been paid.

Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policy described herein is subject to all terms, exclusions and conditions of such policy.  
This certificate of insurance is not an insurance policy.  
This certificate is issued as a matter of information only and confers no rights upon the certificate holder.  
This certificate does not amend, extend or alter the coverage afforded by the above mentioned policy.

Date: 01.29.2018

**VALPRES**

Allianz @ RAS

Allianz S.p.A.  
Divisione Vita Italia  
CORONA ASSICURATIVA  
SPINALE ASSICURATIVA TORINO  
Via Molino, 5/7  
10128 TORINO (TO) - ITALY  
Tel. 011/23891111 - 0039/02/10123114  
Fax 011/23891122  
e-mail: 0210000000@allianz.it  
Pec: 0210000000@allianz.it

**CERTIFICATE OF INSURANCE**

By ALLIANZ S.p.A. hereby certify to have in force the insurance policy described herebelow and to be the Insurer in connection with the coverage, as hereinafter specified, provided by said policy.

**POLICY DESCRIPTION**  
Policy number: 72871011  
Name and address of the Insured: VALBIA SPA  
VIA GIOVANNI PALEOLOGO 20 22060 LUMIZZANO BS ITALY  
Coverage and limits: Product Liability up to a limit of Euro 5.000.000,00 per event and per year  
Effective date - Midnight: 12.31.2017  
Expiration date - Midnight: 12.31.2018  
The premium has been paid.

Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policy described herein is subject to all terms, exclusions and conditions of such policy.  
This certificate of insurance is not an insurance policy.  
This certificate is issued as a matter of information only and confers no rights upon the certificate holder.  
This certificate does not amend, extend or alter the coverage afforded by the above mentioned policy.

Date: 01.29.2018

**VALBIA**



# AMERICAN APPROVALS

**Class Description**

**CLASS NUMBER:** 3371-02 **DESCRIPTION:** VALVES (GAS)-Manually Operated For Use in House-Piping Systems-Certified to U.S. Standards

**COVERAGE:** The manual shaft valves listed in this section are of the manual type. They are for indoor installation and are for use in gas piping between the meter valve and the inlet connection to the valve of a gas appliance.

**REQUIREMENTS:**

AS - U.S. Requirement 3-88 Manually Operated Gas Valves for Use in House Piping Systems

All valves listed in this section are suitable for use with natural, manufactured, mixed and liquefied petroleum gas and with LP gas-air mixtures.

These valves are intended for operation at ambient temperatures of 32°F to 125°F and at pressures up to 7 psig of piping.

Sizes shown are for standard female tapered pipe threads unless otherwise indicated.

**Certification Record**

CUSTOMER	CLASS	FILE
Rubinterrre Bresciane Bonomi S.p.A.	3371-02	112438_0_000
Via Industriale 30	VALVES (GAS)-Manually Operated For Use in House-Piping Systems-Certified to U.S. Standards	
Lamezzane (Brescia)		
Brescia		
Italy		

Model Number Size (Inches)

For Use With Natural MFL, Mixed, Liquefied Petroleum or Propane Gases and LP Gas-Air Mixtures

Trade Name: RB	Size (Inches)
171N	1/2
171N	3/4
171N	1
171N, 172N	1-1/4
171N, 172N	1-1/2
171N, 172N	2
171N	2-1/2
171N	3
171N	3-1/2
171N	4
171N	4-1/2
171N	5
171N	6
171N	8
171N	10
171N	12
171N	14
171N	16
171N	18
171N	20
171N	24
171N	30
171N	36
171N	42
171N	48
171N	60
171N	72
171N	84
171N	96
171N	108
171N	120
171N	144
171N	168
171N	192
171N	216
171N	240
171N	264
171N	288
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171N	336
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171N	408
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171N	480
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171N	528
171N	552
171N	576
171N	600
171N	624
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171N	672
171N	696
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171N	744
171N	768
171N	792
171N	816
171N	840
171N	864
171N	888
171N	912
171N	936
171N	960
171N	984
171N	1008
171N	1032
171N	1056
171N	1080
171N	1104
171N	1128
171N	1152
171N	1176
171N	1200
171N	1224
171N	1248
171N	1272
171N	1296
171N	1320
171N	1344
171N	1368
171N	1392
171N	1416
171N	1440
171N	1464
171N	1488
171N	1512
171N	1536
171N	1560
171N	1584
171N	1608
171N	1632
171N	1656
171N	1680
171N	1704
171N	1728
171N	1752
171N	1776
171N	1800
171N	1824
171N	1848
171N	1872
171N	1896
171N	1920
171N	1944
171N	1968
171N	1992
171N	2016
171N	2040
171N	2064
171N	2088
171N	2112
171N	2136
171N	2160
171N	2184
171N	2208
171N	2232
171N	2256
171N	2280
171N	2304
171N	2328
171N	2352
171N	2376
171N	2400
171N	2424
171N	2448
171N	2472
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171N	2640
171N	2664
171N	2688
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171N	2736
171N	2760
171N	2784
171N	2808
171N	2832
171N	2856
171N	2880
171N	2904
171N	2928
171N	2952
171N	2976
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171N	3048
171N	3072
171N	3096
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171N	3192
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171N	3528
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171N	4728
171N	4752
171N	4776
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171N	4848
171N	4872
171N	4896
171N	4920
171N	4944
171N	4968
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171N	5088
171N	5112
171N	5136
171N	5160
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171N	5280
171N	5304
171N	5328
171N	5352
171N	5376
171N	5400
171N	5424
171N	5448
171N	5472
171N	5496
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171N	5544
171N	5568
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171N	5664
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171N	5760
171N	5784
171N	5808
171N	5832
171N	5856
171N	5880
171N	5904
171N	5928
171N	5952
171N	5976
171N	6000
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171N	6048
171N	6072
171N	6096
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171N	6240
171N	6264
171N	6288
171N	6312
171N	6336
171N	6360
171N	6384
171N	6408
171N	6432
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171N	6480
171N	6504
171N	6528
171N	6552
171N	6576
171N	6600
171N	6624
171N	6648
171N	6672
171N	6696
171N	6720
171N	6744
171N	6768
171N	6792
171N	6816
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171N	6888
171N	6912
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171N	6960
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171N	7104
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171N	7368
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171N	7536
171N	7560
171N	7584
171N	7608
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171N	7752
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171N	9768
171N	9792
171N	9816
171N	9840
171N	9864
171N	9888
171N	9912
171N	9936
171N	9960
171N	9984
171N	10000

Model Number Size (Inches)

For Use With Natural MFL, Mixed, Liquefied Petroleum or Propane Gases and LP Gas-Air Mixtures

Trade Name: RB	Size (Inches)
171N	1/2
171N	3/4
171N	1
171N	1-1/4
171N	1-1/2
171N	2
171N	2-1/2
171N	3
171N	3-1/2
171N	4
171N	4-1/2
171N	5
171N	6
171N	8
171N	10
171N	12
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171N	36
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171N	60
171N	72
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171N	96
171N	108
171N	120
171N	144
171N	168
171N	192
171N	216
171N	240
171N	264
171N	288
171N	312
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171N	360
171N	384
171N	408
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171N	456
171N	480
171N	504
171N	528
171N	552
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171N	792
171N	816
171N	840
171N	864
171N	888
171N	912
171N	936
171N	960
171N	984
171N	1008
171N	1032



	CENED Certificazione ENergetica degli Edifici Azienda certificata classe "A" - "A+" con certificato n.17081 - 000459/12 e 000460/12			Factory Mutual Research	
	AEOF Authorized Economic Operator (AEOF)			Underwriters Laboratories Inc.	
	PED CE 0036 TÜV Süddeutschland Bau und Betrieb GmbH Pressure Equipment Directive 2014/68/EU			Underwriters Laboratories Inc. ANSI/NSF 61 -372 Drinking Water System Components and Lead Content Verification	
	ATEX CE Ex TÜV Süddeutschland Bau und Betrieb GmbH Equipment for use in potentially explosive atmospheres 2014/34/EU			American Petroleum Institute API 6A License number 6A-1741	
	CPR CE 0086 BSI British Standards institute Construction Products Directive Regulation (EU) n. 305/2011			American Petroleum Institute API 6D License number 6D-1428	
	SIL TÜV Süddeutschland Bau und Betrieb GmbH Safety Integrity Level			Technical Standards and Safety Authority	
	<i>Ministero dell'Interno</i>			CSA International	
	RINA Registro Italiano Navale			Water Regulation Advisory Scheme (By WRC Evaluation & Testing Centre)	
	  			Lloyd's Register Marine	
	Deutscher Verein des Gas- und Wasserfaches DVGW W 534 - W 531 - VP 614 DVGW GW 335-B4 - DVGW G 5600-I			Bureau Veritas Industry and Marine Division	
	TÜV Süddeutschland Bau und Betrieb GmbH T.A. LUFT			Laboratoire Santé Environnement Hygiène de Lyon ACS: Attestation de Conformité Sanitarie	
	TÜV Bayern Hessen Sachsen Südwest E.V. FIRE SAFE BS 6755 Part.2, API Specification 6FA und ISO 10497			Certification body 3 - Zds "Tisk"	
	DBI GTI Gastecnologisches Institut UNI TS 11343			Declaration of conformity TP-TC 010/2011 Declaration of conformity TP-TC 032/2013	
	Germanischer Lloyd Maritime			Det Norske Veritas Maritime	
	Schweizerischer Verein des Gas- und Wasserfaches Europäische Vorschrift EN 331: 1998			GDV: GODKENDT TIL DRILKEVAND	
	ÖSTERREICHISCHE VEREINIGUNG FÜR DAS GAS- UND WASSERFACH			VA	



## PNEUMATIC AND ELECTRIC ACTUATORS SERIES

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<b>HOW TO ORDER ELECTRIC VALVE PACKAGES</b>		<b>page 9</b>
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2-WAY COMPRESSED-END STAINLESS STEEL BALL VALVE PACKAGES		page 40
3-WAY THREADED BRASS BALL VALVE PACKAGES		page 41
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2-WAY WAFER FLANGED CARBON STEEL BALL VALVE PACKAGES	<b>NEW</b>	page 54
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2-WAY SPLIT-BODY CARBON STEEL BALL VALVE PACKAGES	<b>NEW</b>	page 64
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**PRESSURE/TEMPERATURE CHARTS** page 110

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**WARRANTY, LIMITATION OF LIABILITY, RETURNS** page 112



## PNEUMATIC PACKAGES (how to order)

Base model	Size	Limit switch/positioners	Solenoid	Accessories	Position
<b>8P0080</b>	<b>3</b>	<b>LS2</b>	<b>C1</b>	<b>SBM</b>	<b>FO</b>
Insert base model here  (some base models not available in all sizes)	1/4" 3/8" 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6" 8" 10" 12"	<b>LS2 = LS2-B</b> <b>LS2EXM = LS2-B-EXM</b> <b>LS2EXN = LS2-B-EXN</b> <b>LS = 3900000149</b> <b>FM51 = MON-FMYB-5120</b> <b>FM52 = MON-FMYB-5220</b> <b>AM51 = MON-AMYB-5120</b> <b>AM52 = MON-AMYB-5220</b> <b>F25E = NBN3-F25-E8-V1 P+F</b> <b>F31E = NBN3-F31-E8-V1 P+F</b> <b>F31Z = NBN3-F31-Z8-V1 P+F</b> <b>40N = MON-40N-S1N-SF</b> <b>41N = MON-41N-E1N-SF</b> <b>41S = MON-41N-E1S-SF</b> <b>41T = MON-41N-E1T-SF</b> <b>PNP = PNP-B</b> <b>ENP = ENP-B</b> <b>ENPBF = ENP-B-F</b> <b>CA20 = CA20</b> <b>CA21 = CA21</b> <b>CA22 = CA22</b> <b>SP = smart positioner basic</b> <b>SPH = smart positioner hart</b> <b>SPHF = smart positioner hart w/feedback</b>		<b>AW30 = BON-AW30-N02E-ZZ</b> <b>SSFR = SS-FR-25</b> <b>KQ = KQ2L07-35AS</b> <b>BV = BV-2</b> <b>SBM = SBM-2</b> <b>SCM = SCM-2</b> <b>AS = ASN2-N02</b> <b>AS21 = AS2201F-N01-07S</b> <b>AS22 = AS2201F-N02-07S</b> <b>DMO = De-clutchable manual override</b> <b>SAD = pressure gauges for CA20, CA21, CA22</b> <b>VB = volume booster</b> <b>NRB = namur rotation block</b>	<b>FO = fail open</b>  All units are shipped fail closed unless this suffix is added
		See pages 86-88 for details		See pages 89-90 for details	


SINGLE SOLENOID
C1 = NMR1-C1 (5/2 120VAC Conduit)
4C1 = NMR4-C1 (5/2 120VAC Conduit)
SSC1 = SSNMR1-C1 (5/2 120VAC Conduit)
C2 = NMR1-C2 (5/2 24VDC Conduit)
4C2 = NMR4-C2 (5/2 24VDC Conduit)
SSC2 = SSNMR1-C2 (5/2 24VDC Conduit)
C12 = NMR1-C12 (5/2 12VDC Conduit)
C22 = NMR1-C22 (5/2 220VAC Conduit)
C24 = NMR1-C24 (5/2 24VAC Conduit)
D1 = NMR1-D1 (5/2 120VAC Din)
4D1 = NMR4-D1 (5/2 120VAC Din)
SSD1 = SSNMR1-D1 (5/2 120VAC Din)
D2 = NMR1-D2 (5/2 24VDC Din)
4D2 = NMR4-D2 (5/2 24VDC Din)
SSD2 = SSNMR1-D2 (5/2 24VDC Din)
D12 = NMR1-D12 (5/2 12VDC Din)
D22 = NMR1-D22 (5/2 220VAC Din)
D24 = NMR1-D24 (5/2 24VAC Din)

SOLENOID VALVES
3C1 = NMR3-C1 (3/2 120VAC Conduit)
3C2 = NMR3-C2 (3/2 24VDC Conduit)
3C12 = NMR3-C12 (3/2 12VDC Conduit)
3C22 = NMR3-C22 (3/2 220VAC Conduit)
3C24 = NMR3-C24 (3/2 24VAC Conduit)
3D1 = NMR3-D1 (3/2 120VAC Din)
3D2 = NMR3-D2 (3/2 24VDC Din)
3D12 = NMR3-D12 (3/2 12VDC Din)
3D22 = NMR3-D22 (3/2 220VAC Din)
3D24 = NMR3-D24 (3/2 24VAC Din)
EX1 = NMR1-EX1 (5/2 120VAC Conduit)
EX2 = NMR1-EX2 (5/2 24VDC Conduit)
EX12 = NMR1-EX12 (5/2 12VDC Conduit)
EX22 = NMR1-EX22 (5/2 220VAC Conduit)
3EX1 = NMR3-EX1 (3/2 120VAC Conduit)
3EX2 = NMR3-EX2 (3/2 24VDC Conduit)
3EX12 = NMR3-EX12 (3/2 12VDC Conduit)
3EX22 = NMR3-EX22 (3/2 220VAC Conduit)
AX2 = NMR1-ATEX2 (5/2 24VDC Conduit)
3AX2 = NMR3-ATEX2 (3/2 24VDC Conduit)

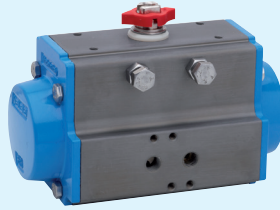
DOUBLE SOLENOID
DC1 = DMR1-C1 (5/2 120VAC Conduit)
DC2 = DMR1-C2 (5/2 24VDC Conduit)
DC12 = DMR1-C12 (5/2 12VDC Conduit)
DC22 = DMR1-C22 (5/2 220VAC Conduit)
DC24 = DMR1-C24 (5/2 24VAC Conduit)
DD1 = DMR1-D1 (5/2 120VAC Din)
DD2 = DMR1-D2 (5/2 24VDC Din)
DD12 = DMR1-D12 (5/2 12VDC Din)
DD22 = DMR1-D22 (5/2 220VAC Din)
DD24 = DMR1-D24 (5/2 24VAC Din)
DEX1 = DMR1-EX1 (5/2 120VAC Conduit)
DEX2 = DMR1-EX2 (5/2 24VDC Conduit)
DEX12 = DMR1-EX12 (5/2 12VDC Conduit)
DEX22 = DMR1-EX22 (5/2 220VAC Conduit)
DAX2 = NMR1-ATEX2 (5/2 24VDC Conduit)
4-Pin M12 Connector 50.00 List Adder to any Solenoid Valve (double solenoid valves require 2 pieces so price accordingly) <b>M12 =</b>

See pages 106-109 for details

**ELECTRIC PACKAGES (how to order)**

<b>Model</b> <b>M8E9101</b>	<b>Voltage</b> <b>003</b>	<b>Size</b> <b>3</b>	<b>Option</b> <b>RLY24</b>																																																							
Insert base model here  (some base models not available in all sizes)	<table border="1"> <thead> <tr> <th colspan="2">on/off models</th> </tr> </thead> <tbody> <tr><td>001 =</td><td>12 VDC</td></tr> <tr><td>002 =</td><td>24 V AC/DC</td></tr> <tr><td>003 =</td><td>100-240 VAC</td></tr> <tr> <th colspan="2">on/off models W/battery backup</th> </tr> <tr><td>012 =</td><td>24 V AC/DC (fail closed)</td></tr> <tr><td>013 =</td><td>100-240 V AC/DC (fail closed)</td></tr> <tr><td>112 =</td><td>24 V AC/DC (fail open)</td></tr> <tr><td>113 =</td><td>100-240 VAC (fail open)</td></tr> <tr> <th colspan="2">modulating model</th> </tr> <tr><td>022 =</td><td>24 V AC/DC</td></tr> <tr><td>023 =</td><td>100-240 VAC</td></tr> <tr> <th colspan="2">modulating models W/battery backup</th> </tr> <tr><td>042 =</td><td>24 V AC/DC (fail closed)</td></tr> <tr><td>043 =</td><td>100-240 VAC (fail closed)</td></tr> <tr><td>142 =</td><td>24 V AC/DC (fail open)</td></tr> <tr><td>143 =</td><td>100-240 VAC (fail open)</td></tr> </tbody> </table>	on/off models		001 =	12 VDC	002 =	24 V AC/DC	003 =	100-240 VAC	on/off models W/battery backup		012 =	24 V AC/DC (fail closed)	013 =	100-240 V AC/DC (fail closed)	112 =	24 V AC/DC (fail open)	113 =	100-240 VAC (fail open)	modulating model		022 =	24 V AC/DC	023 =	100-240 VAC	modulating models W/battery backup		042 =	24 V AC/DC (fail closed)	043 =	100-240 VAC (fail closed)	142 =	24 V AC/DC (fail open)	143 =	100-240 VAC (fail open)	<table border="1"> <tbody> <tr><td>1/4"</td></tr> <tr><td>3/8"</td></tr> <tr><td>1/2"</td></tr> <tr><td>3/4"</td></tr> <tr><td>1"</td></tr> <tr><td>1-1/4"</td></tr> <tr><td>1-1/2"</td></tr> <tr><td>2"</td></tr> <tr><td>2-1/2"</td></tr> <tr><td>3"</td></tr> <tr><td>4"</td></tr> <tr><td>5"</td></tr> <tr><td>6"</td></tr> <tr><td>8"</td></tr> <tr><td>10"</td></tr> <tr><td>12"</td></tr> </tbody> </table>	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	<table border="1"> <tbody> <tr><td>MK = stand off mounting kit</td></tr> <tr><td>RLY12 = 12V DC SPDT relay installed</td></tr> <tr><td>RLY24 = 24V DC SPDT relay installed</td></tr> <tr><td>RLY120 = 120V AC SPDT relay installed (VB060 and up only)</td></tr> <tr><td>(These are optional only and are not required for standard actuator operation)</td></tr> </tbody> </table>	MK = stand off mounting kit	RLY12 = 12V DC SPDT relay installed	RLY24 = 24V DC SPDT relay installed	RLY120 = 120V AC SPDT relay installed (VB060 and up only)	(These are optional only and are not required for standard actuator operation)
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## DOUBLE ACTING PNEUMATIC ACTUATORS “DA” – VITON Seals Standard

MODEL	DA 32	DA 52	DA 63	DA 75	DA 85	DA 100	DA 115	DA 125	DA 140	DA 160	DA 180	DA 200	DA 230	DA 270	DA 330
FKM/VITON SEALS	82DA1307	82DA1310	82DA1312	82DA1375	82DA1314	82DA1318	82DA1370	82DA1319	82DA1320	82DA1379	82DA1380	82DA1321	82DA1323	82DA1377	82DA1333
US\$	105.00	161.00	188.00	256.00	285.00	358.00	475.00	556.00	799.00	1,098.00	1,363.00	1,640.00	2,777.00	3,659.00	9,566.00
Pkg. weight	1.08	2.47	3.66	6.13	8.60	12.12	19.51	23.81	35.93	47.95	63.93	81.57	128.97	182.25	370.38

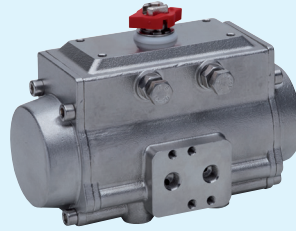
## SPRING RETURN PNEUMATIC ACTUATORS “SR” – VITON Seals Standard

MODEL	SR 52	SR 63	SR 75	SR 85	SR 100	SR 115	SR 125	SR 140	SR 160	SR 180	SR 200	SR 230	SR 270	SR 330
FKM/VITON SEALS	82SR1310	82SR1312	82SR1375	82SR1314	82SR1318	82SR1370	82SR1319	82SR1320	82SR1379	82SR1380	82SR1321	82SR1323	82SR1377	82SR1333
US\$	172.00	202.00	279.00	318.00	410.00	547.00	627.00	920.00	1,315.00	1,724.00	2,045.00	3,673.00	4,246.00	11,747.00
Pkg. weight	2.87	4.34	7.47	10.58	15.43	25.24	31.04	48.06	65.04	87.96	121.25	156.53	221.06	460.77



## ACTUATOR 0°–180°

MODEL	DA 52	DA 63	DA 75	DA 85	DA 100	DA 115	DA 125	DA 140	DA 160
CODE	83DA0110	83DA0112	83DA0175	83DA0114	83DA0118	83DA0170	83DA0119	83DA0120	83DA0179
US\$	344.00	404.00	483.00	619.00	767.00	851.00	1,004.00	1,446.00	1,724.00
Pkg. weight	3.75	5.51	9.26	13.18	18.81	30.09	38.25	55.12	68.78



**STAINLESS STEEL ACTUATOR 0°-90°**

MODEL	DA 52	DA 63	DA 75	DA 85	DA 100
CODE	84DA0010	84DA0012	84DA0075	84DA0014	84DA0018
<b>US\$</b>	<b>730.00</b>	<b>799.00</b>	<b>1,055.00</b>	<b>1,306.00</b>	<b>1,596.00</b>
Weight (Lbs)	5.00	6.90	10.90	16.60	22.50

MODEL	SR 52	SR 63	SR 75	SR 85	SR 100
CODE	84SR0010	84SR0012	84SR0075	84SR0014	84SR0018
<b>US\$</b>	<b>764.00</b>	<b>852.00</b>	<b>1,118.00</b>	<b>1,364.00</b>	<b>1,692.00</b>
Weight (Lbs)	5.40	7.60	12.30	18.50	25.90



**PTFE-COATED PNEUMATIC ACTUATORS**

MODEL	DA 32	DA 52	DA 63	DA 75	DA 85	DA 100	DA 115	DA 125	DA 140	DA 160	DA 180	DA 200	DA 230	DA 270	DA 330
CODE	82DAC607	82DAC610	82DAC612	82DAC675	82DAC614	82DAC618	82DAC670	82DAC619	82DAC620	82DAC679	82DAC680	82DAC621	82DAC623	82DAC677	82DAC633
<b>US\$</b>	<b>130.00</b>	<b>195.00</b>	<b>240.00</b>	<b>330.00</b>	<b>363.00</b>	<b>460.00</b>	<b>604.00</b>	<b>720.00</b>	<b>978.00</b>	<b>1,403.00</b>	<b>C/F</b>	<b>C/F</b>	<b>C/F</b>	<b>C/F</b>	<b>C/F</b>
Weight (Lbs)	1.08	2.47	3.66	6.13	8.60	12.12	19.51	23.81	35.93	47.95	63.93	81.57	128.97	182.25	370.38

MODEL	SR 52	SR 63	SR 75	SR 85	SR 100	SR 115	SR 125	SR 140	SR 160	SR 180	SR 200	SR 230	SR 270	SR 330
CODE	82SRC610	82SRC612	82SRC675	82SRC614	82SRC618	82SRC670	82SRC619	82SRC620	82SRC679	82SRC680	82SRC621	82SRC623	82SRC677	82SRC633
<b>US\$</b>	<b>207.00</b>	<b>255.00</b>	<b>352.00</b>	<b>394.00</b>	<b>504.00</b>	<b>672.00</b>	<b>790.00</b>	<b>1,097.00</b>	<b>1,597.00</b>	<b>C/F</b>	<b>C/F</b>	<b>C/F</b>	<b>C/F</b>	<b>C/F</b>
Weight (Lbs)	2.87	4.34	7.47	10.58	15.43	25.24	31.04	48.06	65.04	87.96	121.25	156.53	221.06	460.77



## LIST PRICE PNEUMATIC ACTUATOR SPARE PARTS

### SET OF SPRINGS FOR SPRING RETURN ACTUATORS

\*screws not included

SIZE	52	63	75	85	100	115	125	140	160	180	200	230	270	330
CODE	RI3385	RI3386	RI3387	RI3388	RI3389	RI3390	RI3391	RI4048	RI4738	RI4600	RI4746	RI4601	RI3531	RI4602
US\$	27.72	29.70	44.55	51.48	77.22	109.89	131.67	199.98	390.06	497.97	710.82	111.87	116.82	209.88

### SET OF SEALS O-RING (NBR70 -4 F + 185 F)

SIZE	32	52	63	75	85	100	115	125	140	160	180	200	230	270	330
CODE	RI3101	RI4603	RI4604	RI4605	RI4606	RI4607	RI4608	RI4609	RI4610	RI4611	RI4612	RI4613	RI4614	RI4615	RI4616
US\$	10.89	10.89	10.89	36.63	50.49	65.34	74.25	74.25	76.23	97.02	112.86	172.26	184.14	198.00	328.68

### SET OF SEALS O-RING (VITON -4 F + 302 F)

SIZE	32	52	63	75	85	100	115	125	140	160	180	200	230	270	330
CODE	RI3326	RI4617	RI4618	RI4619	RI4620	RI4621	RI4622	RI4623	RI4624	RI4625	RI4626	RI4627	RI4628	RI4629	RI4630
US\$	19.80	20.79	27.72	36.63	50.49	65.34	74.25	74.25	76.23	97.02	112.86	172.26	184.14	198.00	328.68

### SET OF SEALS O-RING (SILICON -40 F + 302 F)

SIZE	32	52	63	75	85	100	115	125	140	160	180	200	230	270	330
CODE	-	RI4631	RI4632	RI4633	RI4634	RI4635	RI4636	RI4637	RI4638	RI4639	RI4640	RI4641	RI4642	RI4643	RI4644
US\$		16.83	25.74	32.67	55.44	59.40	70.29	73.26	79.20	79.20	131.67	148.50	157.41	190.08	258.39

### SET GUIDES FOR ACTUATORS (TEMPERATURE -4 F + 185 F)

SIZE	32	52	63	75	85	100	115	125	140	160	180	200	230	270	330
CODE	-	RI4645	RI4646	RI4647	RI4648	RI4649	RI4650	RI4651	RI4652	RI4653	RI4654	RI4655	RI4656	RI4657	RI4658
US\$		13.86	13.86	13.86	14.85	14.85	18.81	18.81	94.05	123.75	130.68	133.65	315.81	347.49	479.16

### SET GUIDES FOR ACTUATORS (TEMPERATURE -4 F + 302 F)

SIZE	32	52	63	75	85	100	115	125	140	160	180	200	230	270	330
CODE	-	RI4659	RI4660	RI4661	RI4662	RI4663	RI4664	RI4665	RI4666	RI4667	RI4668	RI4669	RI4670	RI4671	RI4672
US\$		18.81	21.78	22.77	30.69	30.69	33.66	35.64	76.23	114.84	122.76	135.63	163.35	356.40	485.10

### PINION NAMUR

SIZE	32	52	63	75	85	100	115	125	140	160	180	200	230	270	330
CODE	RI3156	RI4673	RI4674	RI4675	RI4676	RI4677	RI4678	RI4679	RI4680	RI4681	RI4682	RI4683	RI4684	RI4685	RI4686
US\$	70.29	73.26	86.13	97.02	111.87	129.69	179.19	205.92	275.22	333.63	369.27	443.52	767.25	972.18	1,979.01

### PISTON (1 PIECE)

SIZE	32	52	63	75	85	100	115	125	140	160	180	200	230	270	330
CODE	RI3215	RI3535	RI3536	RI3537	RI3538	RI3539	RI3540	RI3541	RI4053	RI3919	RI4687	RI3920	RI4688	RI3921	RI4689
US\$	18.81	28.71	29.70	38.61	45.54	58.41	75.24	94.05	170.28	245.52	246.51	309.87	370.26	557.37	826.65

### END CAP

SIZE	32	52	63	75	85	100	115	125	140	160	180	200	230	270	330
RIGHT	RI3401	RI4690	RI4692	RI4694	RI4696	RI4698	RI4700	RI4702	RI4704	RI4706	RI4708	RI4710	RI4712	RI4714	RI4715
US\$	14.85	16.83	18.81	22.77	29.70	49.50	56.43	63.36	100.98	153.45	164.34	188.10	254.43	443.52	877.14
LEFT	RI3401	RI4691	RI4693	RI4695	RI4697	RI4699	RI4701	RI4703	RI4705	RI4707	RI4709	RI4711	RI4713	RI4714	RI4716
US\$	14.85	16.83	18.81	22.77	29.70	49.50	56.43	63.36	100.98	153.45	164.34	188.10	254.43	443.52	877.14

FOR STAINLESS STEEL ACTUATOR SPARE PARTS, PLEASE CONTACT OUR SALES DEPARTMENT







**STANDARD VERSION 0° - 90° - Standard suffix - 00\***

MODEL		VB010
VOLTAGE		110V AC (-003)
CODE		85H10010
US\$		233.00
VOLTAGE		24V AC/DC (-002)
CODE		85L00010
US\$		221.00
WEIGHT		2.0



**STANDARD VERSION 0° - 90° (ON REQUEST 0° - 180° - 0° - 270°) - Standard suffix - 00\***



MODEL	VB015	VB030	VB060	VB110	VB190	VB270	VB350
VOLTAGE	110V AC (-003)						
CODE	85H00101	85H00103	85H00106	85H00111	85H00119	85H00127	85H00135
US\$	287.00	429.00	508.00	606.00	642.00	689.00	805.00
VOLTAGE	24V AC/DC (-002)						
CODE	85L00101	85L00103	85L00106	85L00111	85L00119	85L00127	85L00135
US\$	239.00	392.00	447.00	530.00	552.00	596.00	739.00
VOLTAGE	12V AC/DC (-001)						
CODE	85L10101	85L10103	85L10106	85L10111	85L10119	85L10127	85L10135
US\$	287.00	429.00	508.00	606.00	642.00	689.00	805.00
WEIGHT	3.09	5.07	7.26	10.80	10.80	13.23	13.23

**VERSION WITH BATTERY BACK-UP \*01 (OPERATING NORMALLY CLOSED) - Standard suffix - 01\***



MODEL	VB015	VB030	VB060	VB110	VB190	VB270	VB350
VOLTAGE	110V AC (-013)						
CODE	NOT AVAILABLE	85H00903	85H00906	85H00911	85H00919	85H00927	85H00935
US\$	-	1,097.00	1,168.00	1,286.00	1,378.00	1,463.00	1,561.00
VOLTAGE	24V AC/DC (-012)						
CODE	NOT AVAILABLE	85L00903	85L00906	85L00911	85L00919	85L00927	85L00935
US\$	-	1,022.00	1,091.00	1,217.00	1,304.00	1,391.00	1,483.00
WEIGHT	-	5.51	7.72	11.68	11.68	13.89	13.89

**VERSION WITH POSITIONER 4-20 mA or 0-10V DC - or REVERSE 20-4 mA or 10-0V DC - Standard suffix - 02\***



MODEL	VB015	VB030	VB060	VB110	VB190	VB270	VB350
VOLTAGE	110V AC (-023)						
CODE	NOT AVAILABLE	85H01003	85H01006	85H01011	85H01019	85H01027	85H01035
US\$	-	1,045.00	1,109.00	1,201.00	1,287.00	1,378.00	1,470.00
VOLTAGE	24V AC/DC (-022)						
CODE	NOT AVAILABLE	85L01003	85L01006	85L01011	85L01019	85L01027	85L01035
US\$	-	952.00	1,016.00	1,109.00	1,188.00	1,279.00	1,364.00
VOLTAGE	12V AC/DC (-021)						
CODE	NOT AVAILABLE	85L11003	85L11006	85L11011	85L11019	85L11027	85L11035
US\$	-	1,045.00	1,109.00	1,201.00	1,287.00	1,378.00	1,470.00
WEIGHT	-	5.07	7.26	10.80	10.80	13.23	13.23

**VERSION WITH BATTERY BACK-UP \*04 (OPERATING NORMALLY CLOSED) - Standard suffix - 04\***



MODEL	VB015	VB030	VB060	VB110	VB190	VB270	VB350
VOLTAGE	110V AC (-043)						
CODE	NOT AVAILABLE	85H0CD03	85H0CD06	85H0CD11	85H0CD19	85H0CD27	85H0CD35
US\$	-	1,284.00	1,350.00	1,499.00	1,606.00	1,706.00	1,819.00
VOLTAGE	24V AC/DC (-042)						
CODE	NOT AVAILABLE	85L0CD03	85L0CD06	85L0CD11	85L0CD19	85L0CD27	85L0CD35
US\$	-	1,201.00	1,273.00	1,420.00	1,521.00	1,623.00	1,731.00
WEIGHT	-	5.51	7.72	11.68	11.68	13.89	13.89

**VERSION WITH MIDDLE POSITION \*06 4-20 mA or 0-10V DC - or REVERSE 20-4 mA or 10-0V DC - Standard suffix - 06\***



MODEL	VB015	VB030	VB060	VB110	VB190	VB270	VB350
VOLTAGE	110V AC (-063)						
CODE	NOT AVAILABLE	85H0CE03	85H0CE06	85H0CE11	85H0CE19	85H0CE27	85H0CE35
US\$	-	953.00	993.00	1,047.00	1,145.00	1,178.00	1,227.00
VOLTAGE	24V AC/DC (-062)						
CODE	NOT AVAILABLE	85L0CE03	85L0CE06	85L0CE11	85L0CE19	85L0CE27	85L0CE35
US\$	-	507.00	574.00	642.00	673.00	717.00	848.00
VOLTAGE	12V AC/DC (-061)						
CODE	NOT AVAILABLE	85L1CE03	85L1CE06	85L1CE11	85L1CE19	85L1CE27	85L1CE35
US\$	-	546.00	638.00	723.00	765.00	816.00	921.00
WEIGHT	-	5.07	7.26	10.80	10.80	13.23	13.23



**STANDARD VERSION 0° - 90° (ON REQUEST 0° - 180° - 0° - 270°) - Standard suffix - 00\***



MODEL	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M
<b>VOLTAGE</b> 110V AC (-003)						
CODE	86H00103	86H00106	86H00111	86H00119	86H00127	86H00135
US\$	534.00	722.00	948.00	999.00	1,374.00	1,463.00
<b>VOLTAGE</b> 24V AC/DC (-002)						
CODE	86L00103	86L00106	86L00111	86L00119	86L00127	86L00135
US\$	486.00	662.00	903.00	952.00	1,321.00	1,406.00
<b>VOLTAGE</b> 12V AC/DC (-001)						
CODE	86L10103	86L10106	86L10111	86L10119	86L10127	86L10135
US\$	534.00	722.00	948.00	999.00	1,374.00	1,463.00
WEIGHT	7.70	9.9	18.7	18.7	20.9	20.9

**VERSION WITH BATTERY BACK-UP \*01 (OPERATING NORMALLY CLOSED) - Standard suffix - 01\***



MODEL	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M
<b>VOLTAGE</b> 110V AC (-013)						
CODE	86H00903	86H00906	86H00911	86H00919	86H00927	86H00935
US\$	1,201.00	1,512.00	1,872.00	1,968.00	2,211.00	2,423.00
<b>VOLTAGE</b> 24V AC/DC (-012)						
CODE	86L00903	86L00906	86L00911	86L00919	86L00927	86L00935
US\$	1,132.00	1,430.00	1,807.00	1,900.00	2,137.00	2,343.00
WEIGHT	7.8	10.0	19.0	19.0	21.2	21.2

**VERSION WITH POSITIONER 4-20 mA or 0-10V DC - or REVERSE 20-4 mA or 10-0V DC - Standard suffix - 02\***



MODEL	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M
<b>VOLTAGE</b> 110V AC (-023)						
CODE	86H01003	86H01006	86H01011	86H01019	86H01027	86H01035
US\$	1,206.00	1,432.00	1,811.00	1,904.00	2,158.00	2,365.00
<b>VOLTAGE</b> 24V AC/DC (-022)						
CODE	86L01003	86L01006	86L01011	86L01019	86L01027	86L01035
US\$	1,125.00	1,334.00	1,733.00	1,822.00	2,067.00	2,268.00
<b>VOLTAGE</b> 12V AC/DC (-021)						
CODE	86L11003	86L11006	86L11011	86L11019	86L11027	86L11035
US\$	1,206.00	1,432.00	1,811.00	1,904.00	2,158.00	2,365.00
WEIGHT	7.7	9.9	18.7	18.7	20.9	20.9

**VERSION WITH BATTERY BACK-UP \*04 (OPERATING NORMALLY CLOSED) - Standard suffix - 04\***



MODEL	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M
<b>VOLTAGE</b> 110V AC (-043)						
CODE	86H0CD03	86H0CD06	86H0CD11	86H0CD19	86H0CD27	86H0CD35
US\$	1,598.00	1,678.00	2,024.00	2,202.00	2,487.00	2,726.00
<b>VOLTAGE</b> 24V AC/DC (-042)						
CODE	86L0CD03	86L0CD06	86L0CD11	86L0CD19	86L0CD27	86L0CD35
US\$	1,516.00	1,596.00	1,959.00	2,131.00	2,411.00	2,643.00
WEIGHT	7.8	10.0	19.0	19.0	21.2	21.2

**VERSION WITH MIDDLE POSITION \*06 4-20 mA or 0-10V DC - or REVERSE 20-4 mA or 10-0V DC - Standard suffix - 06\***



MODEL	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M
<b>VOLTAGE</b> 110V AC (-063)						
CODE	86H0CE03	86H0CE06	86H0CE11	86H0CE19	86H0CE27	86H0CE35
US\$	1171.00	1239.00	1683.00	1830.00	1928.00	2113.00
<b>VOLTAGE</b> 24V AC/DC (-062)						
CODE	86L0CE03	86L0CE06	86L0CE11	86L0CE19	86L0CE27	86L0CE35
US\$	1081.00	1151.00	1607.00	1748.00	1856.00	2035.00
<b>VOLTAGE</b> 12V AC/DC (-061)						
CODE	86L1CE03	86L1CE06	86L1CE11	86L1CE19	86L1CE27	86L1CE35
US\$	1148.00	1219.00	1664.00	1810.00	1907.00	2090.00
WEIGHT	7.7	9.9	18.7	18.7	20.9	20.9



**SPRING RETURN ELECTRIC ACTUATORS (NO MANUAL OVERRIDE)**  
Standard suffix - 05\*

**SP**  
C US  
Pending

MODEL	EA045	EA120	EA180	EA230
<b>VOLTAGE</b>	24 AC/DC or 100-240 AC (-052 OR-053)			
<b>WEIGHT</b>	60.0	126.0	209.0	209.0
<b>US\$</b>	5,237.00	7,620.00	12,497.00	13,230.00

**SPRING RETURN ELECTRIC ACTUATORS (WITH MANUAL OVERRIDE)**  
Standard suffix - 05\*

MODEL	EA045-M	EA120-M	EA180-M	EA230-M
<b>VOLTAGE</b>	24 AC/DC or 100-240 AC (-052 OR-053)			
<b>WEIGHT</b>	82.0	163.0	298.0	298.0
<b>US\$</b>	6,685.00	9,527.00	14,586.00	15,320.00

\*VOLTAGE: 052 = 24V AC/DC / 053 = 120V AC



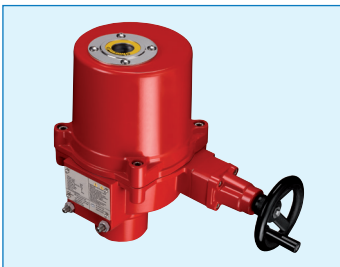
**EXPLOSION PROOF ELECTRIC ACTUATORS (NO MANUAL OVERRIDE) - Standard Suffix - 00\***

**SP**  
Certified

NEMA 4x, 7, 8, 9  
IP68

**NEW**

MODEL	EAX035	EAX045
<b>VOLTAGE</b>	24 AC/DC OR 100-240 AC)	
<b>ON-OFF (US\$) -00*</b>	1379.00	1874.00
<b>POSITIONER (US\$) -02*</b>	2228.00	2723.00
<b>WEIGHT</b>	4.41	6.61



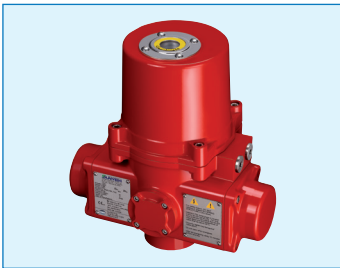
**EXPLOSION PROOF ELECTRIC ACTUATORS (MANUAL OVERRIDE) - Standard Suffix - 00\***

**SP**  
Certified

NEMA 4x, 7, 8, 9  
IP68

**NEW**

MODEL	EAX080	EAX130	EAX360	EAX450
<b>VOLTAGE</b>	24 AC/DC OR 100-240 AC			
<b>ON-OFF (US\$) -00*</b>	3295.00	3506.00	4137.00	4453.00
<b>POSITIONER (US\$) -02*</b>	4313.00	4523.00	5155.00	5471.00
<b>WEIGHT</b>	24.25	24.25	44.09	44.09



**SPRING RETURN EXPLOSION PROOF ELECTRIC ACTUATORS (NO MANUAL OVERRIDE)**  
Standard Suffix - 05\*

**SP**  
Certified

NEMA 4x, 7, 8, 9  
IP68

**NEW**

MODEL	EAX045
<b>VOLTAGE</b>	24 AC/DC OR 100-240 AC
<b>ON-OFF (US\$)</b>	7795.00
<b>POSITIONER (US\$)</b>	8798.00
<b>WEIGHT</b>	82.00



**SPRING RETURN EXPLOSION PROOF ELECTRIC ACTUATORS (MANUAL OVERRIDE)**  
Standard Suffix - 05\*

**SP**  
Certified

NEMA 4x, 7, 8, 9  
IP68

**NEW**

MODEL	EAX120	EAX180	EAX230
<b>VOLTAGE</b>	24 AC/DC OR 100-240 AC		
<b>ON-OFF (US\$)</b>	11,382.00	18,723.00	19,817.00
<b>POSITIONER (US\$)</b>	12,385.00	19,726.00	20,820.00
<b>WEIGHT</b>	163.00	298.00	298.00

VOLTAGE SUFFIX					
ON/OFF		POSITIONER		SPRING RETURN W POSITIONER	
-002	24V AC/DC	-022	24V AC/DC	-052	24V AC/DC
-003	100-240V AC/DC	-023	100-240V AC/DC	-053	100-240V AC/DC

**NEW**

**VALVE TIMER**



MODEL	DESCRIPTION	US\$
VT-1	Valve Timer - 5.0A AC / 277V AC	325.00
VT-2	Valve Timer - 5.0A DC / 125V DC	325.00

**ENCLOSURE FEATURES & SPECIFICATIONS**

	<b>Protection Level</b>	IP65 - Nema Type 4x
	<b>Enclosure Material</b>	Polycarbonate
	<b>Door Material</b>	Polycarbonate
	<b>Material Temperature Range</b>	-40°C to 120°C (-40°F to 248°F)
	<b>Included Accessories</b>	35mm DIN rail

**ENCLOSURE DIMENSIONS**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	1.42	1.81	3.70	5.12

**BREAKER - SINGLE POLE**

	<b>MODEL</b>	VT-1	VT-2
	<b>Rated Current</b>	5.0A AC	5.0A DC
	<b>Rated Voltage</b>	277V AC	125V DC

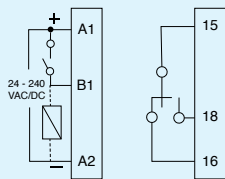
**TIMER FEATURES**

- Multi-functional Timer (8 or 18 Functions)
  - Universal Voltage 24-265V AC/DC
  - Wide Time Range: 0.1 seconds ~ 999 hours
  - 3 Digit LCD Display for Preset Time & Run Time
  - DIN Rail Mounted
  - 17.5mm Width
- 

**TIMER FEATURES**

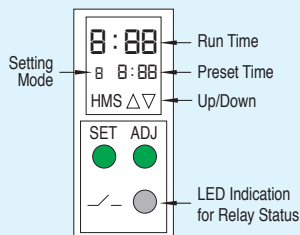
<b>Output Contacts</b>	1 C/O
<b>No. of Timer Functions</b>	8
<b>Functions [Setting Mode]</b>	<ol style="list-style-type: none"> <li>1. ON Delay [a]</li> <li>2. Cyclic OFF/ON [b]</li> <li>3. Cyclic ON/OFF [c]</li> <li>4. Signal ON/OFF [d]</li> <li>5. Signal OFF Delay [e]</li> <li>6. Interval [f]</li> <li>7. Signal OFF/ON [g]</li> <li>8. One Shot Output [h]</li> </ol>

**CONNECTION DIAGRAM**



**TIMER SPECIFICATIONS**

<b>Supply Voltage</b>	24 - 265V AC/DC (50, 60Hz)
<b>Power Consumption</b>	10 VA max.
<b>Cycle Timing Range</b>	0.1 seconds - 999 hours
<b>Reset Time</b>	200ms. max
<b>Repeat Accuracy</b>	+ -0.5%
<b>Output Contact Rating</b>	8A @ 240V AC / 24V DC Resistive
<b>Electrical Life</b>	10,000 switching cycles
<b>Mechanical Life</b>	2,000,000 switching cycles
<b>AC-15 Rating</b>	Rated Voltage (ue): 125/240V, Rated Current (Ie): 3/1.5a
<b>DC-13 Rating</b>	Rated Voltage (ue): 125/250V, Rated Current (Ie): 2/0.22/0.1a
<b>Operating Temperature</b>	-10°C ~ +55°C (+14°F ~ 131°F)
<b>Storage Temperature</b>	-20°C ~ +65°C (-4°F ~ 149°F)
<b>Terminal Wire Size</b>	0.3-2.5 mm <sup>2</sup> (22-14 AWG)







250N 2-way direct mount brass 600 WOG 150 WSP full port ball valve.



**8P0080**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA32	DA32	DA32	DA32	DA32	DA32	DA52	DA52	DA63	DA63	DA85
Weight (Lbs)	1.9	1.9	1.8	2.1	2.7	3.3	6.1	7.9	12.2	16.7	29.2
US\$	187.00	187.00	187.00	193.00	214.00	246.00	344.00	417.00	617.00	768.00	1,244.00



**8P0082**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR52	SR52	SR52	SR52	SR52	SR52	SR63	SR63	SR85	SR85	SR100
Weight (Lbs)	3.6	3.5	3.4	4.1	4.3	4.9	7.8	9.6	18.5	22.9	36.1
US\$	258.00	258.00	258.00	264.00	285.00	317.00	391.00	464.00	753.00	904.00	1,369.00



**8E864-00\***

With standard on/off plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"
ACT.		VB010	VB010	VB010	VB010	VB010	VB010
Weight (Lbs)		2.9	2.9	2.9	3.0	3.7	4.4
24V AC/DC	US\$	268.00	268.00	268.00	274.00	295.00	327.00
110V AC	US\$	280.00	280.00	280.00	286.00	307.00	339.00



**8E064-00\*** With UL approved standard on/off plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB015	VB015	VB015	VB015	VB015	VB015	VB030	VB030	VB060	VB060	VB110
24V AC/DC	US\$	320.00	320.00	320.00	325.00	346.00	379.00	568.00	642.00	866.00	1,016.00	1,465.00
12V AC/DC, 100-240 VAC	US\$	368.00	368.00	368.00	373.00	394.00	427.00	605.00	679.00	927.00	1,077.00	1,541.00

**8E064-01\*** With fail-safe battery back-up plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB110
24V AC/DC	US\$	1,103.00	1,103.00	1,103.00	1,108.00	1,129.00	1,162.00	1,198.00	1,272.00	1,510.00	1,660.00	2,152.00
100-240 VAC	US\$	1,178.00	1,178.00	1,178.00	1,183.00	1,204.00	1,237.00	1,273.00	1,347.00	1,587.00	1,737.00	2,221.00

**8E064-02\*** With 0-10VDC or 4-20mA positioning plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,033.00	1,033.00	1,033.00	1,038.00	1,059.00	1,092.00	1,128.00	1,202.00	1,435.00	1,585.00	2,044.00
12V AC/DC, 100-240 VAC	US\$	1,126.00	1,126.00	1,126.00	1,131.00	1,152.00	1,185.00	1,221.00	1,295.00	1,528.00	1,678.00	2,136.00

**8E064-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,282.00	1,282.00	1,282.00	1,287.00	1,308.00	1,341.00	1,377.00	1,451.00	1,692.00	1,842.00	2,355.00
100-240 VAC	US\$	1,365.00	1,365.00	1,365.00	1,370.00	1,391.00	1,424.00	1,460.00	1,534.00	1,769.00	1,919.00	2,434.00
Weight (Lbs)		3.9	3.9	3.9	4.0	4.7	5.3	8.8	10.6	16.1	20.6	32.4

**M8E064-00\*** With UL approved standard on/off metal electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M
24V AC/DC	US\$	567.00	567.00	567.00	572.00	593.00	626.00	662.00	736.00	1,081.00	1,231.00	1,838.00
12V AC/DC, 100-240 VAC	US\$	615.00	615.00	615.00	620.00	641.00	674.00	710.00	784.00	1,141.00	1,291.00	1,883.00

**M8E064-01\*** With fail-safe battery back-up metal electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,213.00	1,213.00	1,213.00	1,218.00	1,239.00	1,272.00	1,308.00	1,382.00	1,649.00	1,999.00	2,742.00
100-240 VAC	US\$	1,282.00	1,282.00	1,282.00	1,287.00	1,308.00	1,341.00	1,377.00	1,451.00	1,931.00	2,081.00	2,807.00

**M8E064-02\*** With 0-10VDC or 4-20mA positioning metal electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,206.00	1,206.00	1,206.00	1,211.00	1,232.00	1,265.00	1,301.00	1,375.00	1,753.00	1,903.00	2,668.00
12V AC/DC, 100-240 VAC	US\$	1,287.00	1,287.00	1,287.00	1,292.00	1,313.00	1,346.00	1,382.00	1,456.00	1,851.00	2,001.00	2,746.00

**M8E064-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning metal electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,597.00	1,597.00	1,597.00	1,602.00	1,623.00	1,656.00	1,692.00	1,766.00	2,015.00	2,165.00	2,894.00
100-240 VAC	US\$	1,679.00	1,679.00	1,679.00	1,684.00	1,705.00	1,738.00	1,774.00	1,848.00	2,097.00	2,247.00	2,959.00
Weight (Lbs)		8.2	8.2	8.2	8.3	9.0	9.6	11.1	13.0	19.0	23.2	41.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



LEAD FREE  
NSF/ANSI  
372, 61



250NLF 2-way direct mount lead free brass 600 WOG 150 WSP full port ball valve.



**8P0080LF**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA32	DA32	DA32	DA32	DA52	DA52
Weight (Lbs)	1.8	2.1	2.7	3.3	6.1	7.9
US\$	191.00	203.00	224.00	273.00	386.00	487.00



**8P0082LF**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR52	SR52	SR52	SR52	SR63	SR63
Weight (Lbs)	3.4	4.1	4.3	4.9	7.8	9.6
US\$	262.00	274.00	295.00	344.00	433.00	534.00



**8E864LF-00\***

With standard on/off plastic electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"
ACT.	VB010	VB010	VB010	VB010
Weight (Lbs)	2.9	3.0	3.7	4.4
24V AC/DC	US\$ 272.00	US\$ 284.00	US\$ 305.00	US\$ 354.00
110V AC	US\$ 284.00	US\$ 296.00	US\$ 317.00	US\$ 366.00



**8E064LF-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	VB015	VB015	VB015	VB015	VB030	VB030
24V AC/DC	US\$ 329.00	US\$ 341.00	US\$ 362.00	US\$ 411.00	US\$ 617.00	US\$ 718.00
12V AC/DC, 100-240 VAC	US\$ 377.00	US\$ 389.00	US\$ 410.00	US\$ 459.00	US\$ 654.00	US\$ 755.00

**8E064LF-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	VB030	VB030	VB030	VB030	VB030	VB030
24V AC/DC	US\$ 1,112.00	US\$ 1,124.00	US\$ 1,145.00	US\$ 1,194.00	US\$ 1,247.00	US\$ 1,348.00
100-240 VAC	US\$ 1,187.00	US\$ 1,199.00	US\$ 1,220.00	US\$ 1,269.00	US\$ 1,322.00	US\$ 1,423.00

**8E064LF-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$ 1,042.00	US\$ 1,054.00	US\$ 1,075.00	US\$ 1,124.00	US\$ 1,177.00	US\$ 1,278.00
12V AC/DC, 100-240 VAC	US\$ 1,135.00	US\$ 1,147.00	US\$ 1,168.00	US\$ 1,217.00	US\$ 1,270.00	US\$ 1,371.00

**8E064LF-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$ 1,291.00	US\$ 1,303.00	US\$ 1,324.00	US\$ 1,373.00	US\$ 1,426.00	US\$ 1,527.00
100-240 VAC	US\$ 1,374.00	US\$ 1,386.00	US\$ 1,407.00	US\$ 1,456.00	US\$ 1,509.00	US\$ 1,610.00
Weight (Lbs)	3.9	4.0	4.7	5.3	8.8	10.6

**M8E064LF-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M
24V AC/DC	US\$ 576.00	US\$ 588.00	US\$ 609.00	US\$ 658.00	US\$ 711.00	US\$ 812.00
12V AC/DC, 100-240 VAC	US\$ 624.00	US\$ 636.00	US\$ 657.00	US\$ 706.00	US\$ 759.00	US\$ 860.00

**M8E064LF-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$ 1,222.00	US\$ 1,234.00	US\$ 1,255.00	US\$ 1,304.00	US\$ 1,357.00	US\$ 1,458.00
100-240 VAC	US\$ 1,291.00	US\$ 1,303.00	US\$ 1,324.00	US\$ 1,373.00	US\$ 1,426.00	US\$ 1,527.00

**M8E064LF-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$ 1,215.00	US\$ 1,227.00	US\$ 1,248.00	US\$ 1,297.00	US\$ 1,350.00	US\$ 1,451.00
12V AC/DC, 100-240 VAC	US\$ 1,296.00	US\$ 1,308.00	US\$ 1,329.00	US\$ 1,378.00	US\$ 1,431.00	US\$ 1,532.00

**M8E064LF-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$ 1,606.00	US\$ 1,618.00	US\$ 1,639.00	US\$ 1,688.00	US\$ 1,741.00	US\$ 1,842.00
100-240 VAC	US\$ 1,688.00	US\$ 1,700.00	US\$ 1,721.00	US\$ 1,770.00	US\$ 1,823.00	US\$ 1,924.00
Weight (Lbs)	8.2	8.3	9.0	9.6	11.1	13.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



253N 2-way direct mount brass (stainless steel ball/stem) 600 WOG 150 WSP full port ball valve.



**8P0135**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA32	DA32	DA32	DA32	DA32	DA32	DA52	DA52
Weight (Lbs)	1.9	1.9	1.8	2.1	2.7	3.3	6.1	8.6
US\$	207.00	207.00	207.00	215.00	237.00	273.00	383.00	486.00



**8P0136**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR52	SR52	SR52	SR52	SR52	SR52	SR63	SR63
Weight (Lbs)	3.6	3.5	3.4	4.1	4.3	4.9	7.8	10.4
US\$	278.00	278.00	278.00	286.00	308.00	344.00	430.00	533.00



**8E868-00\***

With standard on/off plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB010	VB010	VB010	VB010	VB010	VB010	VB010	VB010
Weight (Lbs)		2.9	2.9	2.9	2.9	3.0	3.7	4.4	4.4
24V AC/DC	US\$	299.00	299.00	299.00	308.00	331.00	369.00	369.00	369.00
110V AC	US\$	311.00	311.00	311.00	320.00	343.00	381.00	381.00	381.00



SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
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**8E068-00\*** With UL approved standard on/off plastic electric actuator.

ACT.		VB015	VB015	VB015	VB015	VB015	VB015	VB030	VB030
24V AC/DC	US\$	345.00	345.00	345.00	353.00	375.00	411.00	614.00	717.00
12V AC/DC, 100-240 VAC	US\$	393.00	393.00	393.00	401.00	423.00	459.00	651.00	754.00

**8E068-01\*** With fail-safe battery back-up plastic electric actuator.

ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB030
24V AC/DC	US\$	1,128.00	1,128.00	1,128.00	1,136.00	1,158.00	1,194.00	1,244.00	1,347.00
100-240 VAC	US\$	1,203.00	1,203.00	1,203.00	1,211.00	1,233.00	1,269.00	1,319.00	1,422.00

**8E068-02\*** With 0-10VDC or 4-20mA positioning plastic electric actuator.

24V AC/DC	US\$	1,058.00	1,058.00	1,058.00	1,066.00	1,088.00	1,124.00	1,174.00	1,277.00
12V AC/DC, 100-240 VAC	US\$	1,151.00	1,151.00	1,151.00	1,159.00	1,181.00	1,217.00	1,267.00	1,370.00

**8E068-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning plastic electric actuator.

24V AC/DC	US\$	1,307.00	1,307.00	1,307.00	1,315.00	1,337.00	1,373.00	1,423.00	1,526.00
100-240 VAC	US\$	1,390.00	1,390.00	1,390.00	1,398.00	1,420.00	1,456.00	1,506.00	1,609.00
Weight (Lbs)		3.9	3.9	3.9	4.0	4.7	5.3	8.8	10.6

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
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**M8E068-00\*** With UL approved standard on/off metal electric actuator.

ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030	VB030M
24V AC/DC	US\$	592.00	592.00	592.00	600.00	622.00	658.00	708.00	811.00
12V AC/DC, 100-240 VAC	US\$	640.00	640.00	640.00	648.00	670.00	706.00	756.00	859.00

**M8E068-01\*** With fail-safe battery back-up metal electric actuator.

24V AC/DC	US\$	1,238.00	1,238.00	1,238.00	1,246.00	1,268.00	1,304.00	1,354.00	1,457.00
100-240 VAC	US\$	1,307.00	1,307.00	1,307.00	1,315.00	1,337.00	1,373.00	1,423.00	1,526.00

**M8E068-02\*** With 0-10VDC or 4-20mA positioning metal electric actuator.

24V AC/DC	US\$	1,231.00	1,231.00	1,231.00	1,239.00	1,261.00	1,297.00	1,347.00	1,450.00
12V AC/DC, 100-240 VAC	US\$	1,312.00	1,312.00	1,312.00	1,320.00	1,342.00	1,378.00	1,428.00	1,531.00

**M8E068-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning metal electric actuator.

24V AC/DC	US\$	1,622.00	1,622.00	1,622.00	1,630.00	1,652.00	1,688.00	1,738.00	1,841.00
100-240 VAC	US\$	1,704.00	1,704.00	1,704.00	1,712.00	1,734.00	1,770.00	1,820.00	1,923.00
Weight (Lbs)		8.2	8.2	8.2	8.3	9.0	9.6	11.1	13.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



PVC-BV2 and CPVC-BV2 2-way direct mount full port ball valve.

With double acting pneumatic actuator.



**8P2DAPVC**  
**8P2DACPVC**

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA52	DA52	DA52	DA52	DA52	DA63	DA75	DA75	DA85
Weight (Lbs)	3.0	3.3	3.6	4.0	4.8	7.3	12.0	16.5	30.0
PVC US\$	344.00	379.00	399.00	450.00	501.00	543.00	767.00	868.00	1,146.00
CPVC US\$	374.00	419.00	452.00	529.00	588.00	682.00	1,218.00	1,269.00	1,964.00

With spring return pneumatic actuator.



**8P2SRPVC**  
**8P2SRCPVC**

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR52	SR52	SR52	SR63	SR63	SR75	SR85	SR100	SR115
Weight (Lbs)	3.5	3.8	4.1	6.0	6.8	11.5	17.0	26.0	46.0
PVC US\$	355.00	390.00	410.00	467.00	512.00	640.00	829.00	1,022.00	1,408.00
CPVC US\$	385.00	430.00	463.00	546.00	599.00	779.00	1,280.00	1,423.00	2,226.00

**8EPVCBV2-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB015	VB015	VB015	VB015	VB015	VB030	VB060	VB110
24V AC/DC	US\$	422.00	457.00	477.00	528.00	579.00	777.00	958.00	1,391.00
12V AC/DC, 100-240 VAC	US\$	470.00	505.00	525.00	576.00	627.00	814.00	1,019.00	1,467.00

**8EPVCBV2-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB110
24V AC/DC	US\$	1,205.00	1,240.00	1,260.00	1,311.00	1,362.00	1,407.00	1,602.00	2,078.00
100-240 VAC	US\$	1,280.00	1,315.00	1,335.00	1,386.00	1,437.00	1,482.00	1,679.00	2,147.00

**8EPVCBV2-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,135.00	1,170.00	1,190.00	1,241.00	1,292.00	1,337.00	1,527.00	1,970.00
12V AC/DC, 100-240 VAC	US\$	1,228.00	1,263.00	1,283.00	1,334.00	1,385.00	1,430.00	1,620.00	2,062.00

**8EPVCBV2-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,384.00	1,419.00	1,439.00	1,490.00	1,541.00	1,586.00	1,784.00	2,281.00
100-240 VAC	US\$	1,467.00	1,502.00	1,522.00	1,573.00	1,624.00	1,669.00	1,861.00	2,360.00
Weight (Lbs)		4.2	4.5	5.8	6.3	7.1	9.6	14.0	32.0

**8ECPVCBV2-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB015	VB015	VB015	VB015	VB015	VB030	VB060	VB110
24V AC/DC	US\$	452.00	497.00	530.00	607.00	666.00	916.00	1,409.00	2,209.00
12V AC/DC, 100-240 VAC	US\$	500.00	545.00	578.00	655.00	714.00	953.00	1,470.00	2,285.00

**8ECPVCBV2-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB110
24V AC/DC	US\$	1,235.00	1,280.00	1,313.00	1,390.00	1,449.00	1,546.00	2,053.00	2,896.00
100-240 VAC	US\$	1,310.00	1,355.00	1,388.00	1,465.00	1,524.00	1,621.00	2,130.00	2,965.00

**8ECPVCBV2-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,165.00	1,210.00	1,243.00	1,320.00	1,379.00	1,476.00	1,978.00	2,788.00
12V AC/DC, 100-240 VAC	US\$	1,258.00	1,303.00	1,336.00	1,413.00	1,472.00	1,569.00	2,071.00	2,880.00

**8ECPVCBV2-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,414.00	1,459.00	1,492.00	1,569.00	1,628.00	1,725.00	2,235.00	3,099.00
100-240 VAC	US\$	1,497.00	1,542.00	1,575.00	1,652.00	1,711.00	1,808.00	2,312.00	3,178.00
Weight (Lbs)		4.2	4.5	5.8	6.3	7.1	9.6	14.0	32.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



600LL 2-way 2-piece carbon steel 2,000 psi full port ball valve.



**8P0124**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA32	DA32	DA32	DA32	DA52	DA52	DA63	DA75
Weight (Lbs)	3.9	3.9	3.9	4.3	6.3	7.0	9.5	14.4
Bracket kit	MK700LL-1/4	MK700LL-1/4	MK700LL-1/2	MK700LL-3/4	MK700LL-1	MK700LL-1-1/4	MK700LL-1-1/2	MK700LL-2
US\$	261.00	261.00	266.00	273.00	351.00	360.00	426.00	532.00



**8P0125**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR52	SR52	SR52	SR63	SR75	SR75	SR85	SR100
Weight (Lbs)	5.4	5.4	5.4	7.2	10.9	11.7	15.9	23.5
Bracket kit	MK700LL-1/4	MK700LL-1/4	MK700LL-1/2	MK700LL-3/4	MK700LL-1	MK700LL-1-1/4	MK700LL-1-1/2	MK700LL-2
US\$	328.00	328.00	333.00	370.00	469.00	478.00	556.00	686.00



**8E0127-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB015	VB015	VB015	VB015	VB030	VB030	VB060
24V AC/DC	US\$	390.00	390.00	395.00	402.00	577.00	586.00	718.00
12V AC/DC, 100-240 VAC	US\$	438.00	438.00	443.00	450.00	614.00	623.00	779.00

**8E0127-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB060
24V AC/DC	US\$	1,173.00	1,173.00	1,178.00	1,185.00	1,207.00	1,216.00	1,362.00
100-240 VAC	US\$	1,248.00	1,248.00	1,253.00	1,260.00	1,282.00	1,291.00	1,439.00

**8E0127-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,103.00	1,103.00	1,108.00	1,115.00	1,137.00	1,146.00	1,287.00
12V AC/DC, 100-240 VAC	US\$	1,196.00	1,196.00	1,201.00	1,208.00	1,230.00	1,239.00	1,380.00

**8E0127-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,352.00	1,352.00	1,357.00	1,364.00	1,386.00	1,395.00	1,434.00
100-240 VAC	US\$	1,435.00	1,435.00	1,440.00	1,447.00	1,469.00	1,478.00	1,517.00
Weight (Lbs)/Bracket kit		3.9/MK700LL-1/2	3.9/MK700LL-1/2	3.9/MK700LL-1/2	3.9/MK700LL-3/4	7.1/MK700LL-1	7.7/MK700LL-11/4	14.1/MK700LL-11/2

**M8E0127-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$	637.00	637.00	642.00	649.00	671.00	680.00	719.00
12V AC/DC, 100-240 VAC	US\$	685.00	685.00	690.00	697.00	719.00	728.00	933.00

**M8E0127-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,283.00	1,283.00	1,288.00	1,295.00	1,317.00	1,326.00	1,365.00
100-240 VAC	US\$	1,352.00	1,352.00	1,357.00	1,364.00	1,386.00	1,395.00	1,434.00

**M8E0127-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,276.00	1,276.00	1,281.00	1,288.00	1,310.00	1,319.00	1,358.00
12V AC/DC, 100-240 VAC	US\$	1,357.00	1,357.00	1,362.00	1,369.00	1,391.00	1,400.00	1,439.00

**M8E0127-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,667.00	1,667.00	1,672.00	1,679.00	1,701.00	1,710.00	1,749.00
100-240 VAC	US\$	1,749.00	1,749.00	1,754.00	1,761.00	1,783.00	1,792.00	1,831.00
Weight (Lbs)/Bracket kit		8.3/MK700LL-1/2	8.3/MK700LL-1/2	8.3/MK700LL-1/2	8.5/MK700LL-3/4	10.6/MK700LL-1	11.0/MK700LL-11/4	12.0/MK700LL-11/2

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

3000 series direct mount, 2-way 2-piece carbon steel 3,000 psi full port ball valve.



**8P3000**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA52	DA52	DA52	DA52	DA63	DA75	DA75	DA75
Weight (Lbs)	3.9	3.9	3.9	4.3	6.3	7.0	9.5	14.4
pad/stem	F03/9	F03/9	F03/9	F03/9	F05/11	F05/11	F05/14	F05/14
US\$	297.00	297.00	297.00	310.00	378.00	508.00	613.00	665.00



**8P3002**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR63	SR63	SR63	SR75*	SR75	SR85	SR100	SR115
Weight (Lbs)	5.4	5.4	5.4	7.2	10.9	11.7	15.9	23.5
Pad/stem	F04/9	F04/9	F04/9	*Bracket	F05/11	F05/11	F07/14	F07/14
US\$	355.00	355.00	355.00	543.00	470.00	570.00	767.00	965.00



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>8E3000-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.								
ACT.		VB015	VB015	VB030	VB030	VB030	VB060	VB060
24V AC/DC	US\$	375.00	375.00	528.00	541.00	576.00	698.00	850.00
12V AC/DC, 100-240 VAC	US\$	423.00	423.00	565.00	578.00	613.00	759.00	911.00

<b>8E3000-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.								
ACT.		VB030	VB030	VB030	VB030	VB030	VB060	VB060
24V AC/DC	US\$	1,158.00	1,158.00	1,158.00	1,171.00	1,206.00	1,342.00	1,442.00
100-240 VAC	US\$	1,233.00	1,233.00	1,233.00	1,246.00	1,281.00	1,419.00	1,519.00

<b>8E3000-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.								
24V AC/DC	US\$	1,088.00	1,088.00	1,088.00	1,101.00	1,136.00	1,267.00	1,367.00
12V AC/DC, 100-240 VAC	US\$	1,181.00	1,181.00	1,181.00	1,194.00	1,229.00	1,360.00	1,460.00

<b>8E3000-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.								
24V AC/DC	US\$	1,337.00	1,337.00	1,337.00	1,350.00	1,385.00	1,524.00	1,624.00
100-240 VAC	US\$	1,420.00	1,420.00	1,420.00	1,433.00	1,468.00	1,601.00	1,701.00
Weight (Lbs)		3.9	3.9	3.9	4.3	6.3	7.0	9.5

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>M8E3000-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.								
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M
24V AC/DC	US\$	622.00	622.00	622.00	635.00	670.00	913.00	1,013.00
12V AC/DC, 100-240 VAC	US\$	670.00	670.00	670.00	683.00	718.00	973.00	1,073.00

<b>M8E3000-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,268.00	1,268.00	1,268.00	1,281.00	1,316.00	1,681.00	1,833.00
100-240 VAC	US\$	1,337.00	1,337.00	1,337.00	1,350.00	1,385.00	1,763.00	1,915.00

<b>M8E3000-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,261.00	1,261.00	1,261.00	1,274.00	1,309.00	1,585.00	1,685.00
12V AC/DC, 100-240 VAC	US\$	1,342.00	1,342.00	1,342.00	1,355.00	1,390.00	1,683.00	1,783.00

<b>M8E3000-04*</b> With fail-safe battery back-up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,652.00	1,652.00	1,652.00	1,665.00	1,700.00	1,847.00	1,947.00
100-240 VAC	US\$	1,734.00	1,734.00	1,734.00	1,747.00	1,782.00	1,929.00	2,029.00
Weight (Lbs)		8.4	8.4	8.4	8.9	10.9	11.6	12.2

* VOLTAGE SUFFIX								
1 = 12V AC/DC			2 = 24V AC/DC			3 = 100-240V AC		

3200 series, 2-way, NPT threaded, carbon steel high pressure hydraulic ball valve.



**8P3200**

With double acting pneumatic actuator.

SIZE	3/8"	1/2"	3/4"	1"
ACT.	DA52	DA52	DA63	DA63
Weight (Lbs)	4.3	4.6	7.7	8.5
Pressure rating	7350 psi	7350 psi	5880 psi	5145 psi
US\$	651.00	658.00	785.00	813.00



**8P3202**

With spring return pneumatic actuator.

SIZE	3/8"	1/2"	3/4"	1"
ACT.	SR75	SR85	SR85	SR100
Weight (Lbs)	9.3	12.8	14.7	20.5
Pressure rating	7350 psi	7350 psi	5880 psi	5145 psi
US\$	766.00	806.00	907.00	1,020.00

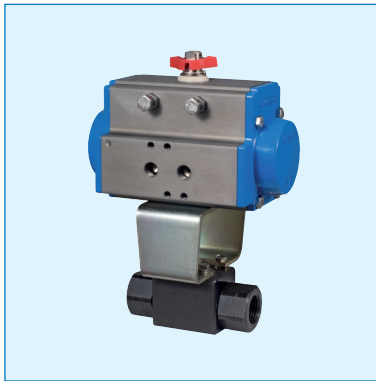
SIZE		3/8"	1/2"	3/4"	1"
<b>8E3200-00* (NPT)</b> With UL approved standard on/off <b>plastic</b> electric actuator.					
ACT.		VB030	VB030	VB030	VB060
24V AC/DC	US\$	889.00	896.00	1,052.00	1,080.00
12V AC/DC, 100-240 VAC	US\$	926.00	933.00	1,113.00	1,141.00
<b>8E3200-01* (NPT)</b> With fail-safe battery back-up <b>plastic</b> electric actuator.					
24V AC/DC	US\$	1,519.00	1,526.00	1,696.00	1,724.00
100-240 VAC	US\$	1,594.00	1,601.00	1,773.00	1,801.00
<b>8E3200-02* (NPT)</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.					
24V AC/DC	US\$	1,449.00	1,456.00	1,621.00	1,649.00
12V AC/DC, 100-240 VAC	US\$	1,542.00	1,549.00	1,714.00	1,742.00
<b>8E3200-04* (NPT)</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.					
24V AC/DC	US\$	1,698.00	1,705.00	1,878.00	1,906.00
100-240 VAC	US\$	1,781.00	1,788.00	1,955.00	1,983.00
Weight (Lbs)/Pressure		7.0/7350 psi	7.5/7350 psi	9.4/5880 psi	12.0/5145 psi



SIZE		3/8"	1/2"	3/4"	1"
<b>M8E3200-00* (NPT)</b> With UL approved standard on/off <b>metal</b> electric actuator.					
ACT.		VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$	983.00	990.00	1,267.00	1,295.00
12V AC/DC, 100-240 VAC	US\$	1,031.00	1,038.00	1,327.00	1,355.00
<b>M8E3200-01* (NPT)</b> With fail-safe battery back-up <b>metal</b> electric actuator.					
24V AC/DC	US\$	1,629.00	1,636.00	2,035.00	2,063.00
100-240 VAC	US\$	1,698.00	1,705.00	2,117.00	2,145.00
<b>M8E3200-02* (NPT)</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.					
24V AC/DC	US\$	1,622.00	1,629.00	1,939.00	1,967.00
12V AC/DC, 100-240 VAC	US\$	1,703.00	1,710.00	2,037.00	2,065.00
<b>M8E3200-04* (NPT)</b> With fail-safe battery back-up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.					
24V AC/DC	US\$	2,013.00	2,020.00	2,201.00	2,229.00
100-240 VAC	US\$	2,095.00	2,102.00	2,283.00	2,311.00
Weight (Lbs)/Pressure		9.5/7350 psi	10.0/7350 psi	11.7/5880 psi	14.8/5145 psi

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

3300 series, 2-way, SAE threaded, carbon steel high pressure hydraulic ball valve.



**8P3300**

With double acting pneumatic actuator.

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
ACT.	DA52	DA52	DA63	DA63
Weight (Lbs)	4.3	4.6	7.7	8.5
Pressure rating	7350 psi	7350 psi	5880 psi	5145 psi
US\$	651.00	658.00	785.00	813.00

**8P3302**

With spring return pneumatic actuator.

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
ACT.	SR75	SR85	SR85	SR100
Weight (Lbs)	9.3	12.8	14.7	20.5
Pressure rating	7350 psi	7350 psi	5880 psi	5145 psi
US\$	766.00	806.00	907.00	1,020.00



SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
<b>8E3300-00* (SAE)</b> With UL approved standard on/off <b>plastic</b> electric actuator.				
ACT.	VB030	VB030	VB030	VB060
24V AC/DC	US\$ 889.00	896.00	1,052.00	1,080.00
12V AC/DC, 100-240 VAC	US\$ 926.00	933.00	1,113.00	1,141.00

24V AC/DC	US\$ 1,519.00	1,526.00	1,696.00	1,724.00
100-240 VAC	US\$ 1,594.00	1,601.00	1,773.00	1,801.00

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
<b>8E3300-01* (SAE)</b> With fail-safe battery back-up <b>plastic</b> electric actuator.				
ACT.	VB030	VB030	VB030	VB060
24V AC/DC	US\$ 1,519.00	1,526.00	1,696.00	1,724.00
100-240 VAC	US\$ 1,594.00	1,601.00	1,773.00	1,801.00

24V AC/DC	US\$ 1,449.00	1,456.00	1,621.00	1,649.00
12V AC/DC, 100-240 VAC	US\$ 1,542.00	1,549.00	1,714.00	1,742.00

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
<b>8E3300-02* (SAE)</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.				
ACT.	VB030	VB030	VB030	VB060
24V AC/DC	US\$ 1,449.00	1,456.00	1,621.00	1,649.00
12V AC/DC, 100-240 VAC	US\$ 1,542.00	1,549.00	1,714.00	1,742.00

24V AC/DC	US\$ 1,698.00	1,705.00	1,878.00	1,906.00
100-240 VAC	US\$ 1,781.00	1,788.00	1,955.00	1,983.00

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
<b>8E3300-04* (SAE)</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.				
ACT.	VB030	VB030	VB030	VB060
24V AC/DC	US\$ 1,698.00	1,705.00	1,878.00	1,906.00
100-240 VAC	US\$ 1,781.00	1,788.00	1,955.00	1,983.00
Weight (Lbs)/Pressure	7.0/7350 psi	7.5/7350 psi	9.4/5880 psi	12.0/5145 psi

24V AC/DC	US\$ 1,698.00	1,705.00	1,878.00	1,906.00
100-240 VAC	US\$ 1,781.00	1,788.00	1,955.00	1,983.00
Weight (Lbs)/Pressure	7.0/7350 psi	7.5/7350 psi	9.4/5880 psi	12.0/5145 psi



SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
<b>M8E3300-00* (SAE)</b> With UL approved standard on/off <b>metal</b> electric actuator.				
ACT.	VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$ 983.00	990.00	1,267.00	1,295.00
12V AC/DC, 100-240 VAC	US\$ 1,031.00	1,038.00	1,327.00	1,355.00

24V AC/DC	US\$ 1,629.00	1,636.00	2,035.00	2,063.00
100-240 VAC	US\$ 1,698.00	1,705.00	2,117.00	2,145.00

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
<b>M8E3300-01* (SAE)</b> With fail-safe battery back-up <b>metal</b> electric actuator.				
ACT.	VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$ 1,629.00	1,636.00	2,035.00	2,063.00
100-240 VAC	US\$ 1,698.00	1,705.00	2,117.00	2,145.00

24V AC/DC	US\$ 1,622.00	1,629.00	1,939.00	1,967.00
12V AC/DC, 100-240 VAC	US\$ 1,703.00	1,710.00	2,037.00	2,065.00

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
<b>M8E3300-02* (SAE)</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.				
ACT.	VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$ 2,013.00	2,020.00	2,201.00	2,229.00
100-240 VAC	US\$ 2,095.00	2,102.00	2,283.00	2,311.00
Weight (Lbs)/Pressure	9.5/7350 psi	10.0/7350 psi	11.7/5880 psi	14.8/5145 psi

24V AC/DC	US\$ 2,013.00	2,020.00	2,201.00	2,229.00
100-240 VAC	US\$ 2,095.00	2,102.00	2,283.00	2,311.00
Weight (Lbs)/Pressure	9.5/7350 psi	10.0/7350 psi	11.7/5880 psi	14.8/5145 psi

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
<b>M8E3300-04* (SAE)</b> With fail-safe battery back-up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.				
ACT.	VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$ 2,013.00	2,020.00	2,201.00	2,229.00
100-240 VAC	US\$ 2,095.00	2,102.00	2,283.00	2,311.00
Weight (Lbs)/Pressure	9.5/7350 psi	10.0/7350 psi	11.7/5880 psi	14.8/5145 psi

24V AC/DC	US\$ 2,013.00	2,020.00	2,201.00	2,229.00
100-240 VAC	US\$ 2,095.00	2,102.00	2,283.00	2,311.00
Weight (Lbs)/Pressure	9.5/7350 psi	10.0/7350 psi	11.7/5880 psi	14.8/5145 psi

\* VOLTAGE SUFFIX

1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC
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710003 (NPT) - 714000 (SW) - 71500 (BW) 2-way, 3-piece carbon steel 1,000 psi, full port ball valve.



**8P0171 (NPT) - 8P0191 (SW) - 8P0193 (BW)**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA32	DA32	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100
Weight (Lbs)	3.8	3.9	4.1	5.7	7.0	8.2	10.0	14.1	27.8	37.5	61.8
Bracket Kit	RI3015	RI3015	RI3789	RI3781	RI3030	RI3030	RI3031	RI3034	RI3003	RI3003	RI3004
US\$	280.00	280.00	276.00	348.00	382.00	413.00	495.00	618.00	906.00	1,059.00	1,659.00

Note: 714000, 1/4" not available in socket weld and 715000, 1/4" not available in butt weld



**8P0172 (NPT) - 8P0192 (SW) - 8P0194 (BW)**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR52	SR52	SR52	SR63	SR63	SR63	SR85	SR100	SR115	SR125	SR125
Weight (Lbs)	5.3	5.3	5.6	7.6	9.0	10.2	17.5	33.8	44.2	57.1	77.5
Bracket Kit	RI3021	RI3021	RI3790	RI3783	RI3033	RI3033	RI3034	RI3034	RI3010	RI3010	RI3005
US\$	363.00	363.00	343.00	389.00	424.00	455.00	627.00	772.00	1,184.00	1,417.00	1,930.00

Note: 714000, 1/4" not available in socket weld and 715000, 1/4" not available in butt weld



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>8E075-00* (NPT) - 8E083-00* (SW) - 8E084-00* (BW)</b> With UL approved standard on/off <b>plastic</b> electric actuator.												
ACT.		VB015	VB015	VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB190	
24V AC/DC	US\$	430.00 *	430.00	410.00	426.00	613.00	644.00	754.00	807.00	1,151.00	1,853.00	
12V AC/DC, 100-240 VAC	US\$	478.00 *	478.00	458.00	474.00	650.00	681.00	815.00	868.00	1,380.00	1,943.00	
<b>8E075-01* (NPT) - 8E083-01* (SW) - 8E084-01* (BW)</b> With fail-safe battery back-up <b>plastic</b> electric actuator.												
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	
24V AC/DC	US\$	1,213.00 *	1,213.00	1,193.00	1,209.00	1,243.00	1,274.00	1,398.00	1,451.00	1,838.00	2,605.00	
100-240 VAC	US\$	1,288.00 *	1,288.00	1,268.00	1,284.00	1,318.00	1,349.00	1,475.00	1,528.00	1,907.00	2,669.00	
<b>8E075-02* (NPT) - 8E083-02* (SW) - 8E084-02* (BW)</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.												
24V AC/DC	US\$	1,143.00 *	1,143.00	1,123.00	1,139.00	1,173.00	1,204.00	1,323.00	1,376.00	1,730.00	2,489.00	
12V AC/DC, 100-240 VAC	US\$	1,236.00 *	1,236.00	1,216.00	1,232.00	1,266.00	1,297.00	1,416.00	1,469.00	1,822.00	2,588.00	
<b>8E075-04* (NPT) - 8E083-04* (SW) - 8E084-04* (BW)</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.												
24V AC/DC	US\$	1,392.00 *	1,392.00	1,372.00	1,388.00	1,422.00	1,453.00	1,580.00	1,633.00	2,041.00	2,822.00	
100-240 VAC	US\$	1,475.00 *	1,475.00	1,455.00	1,471.00	1,505.00	1,536.00	1,657.00	1,710.00	2,120.00	2,907.00	
Weight (Lbs)/Bracket Kit		5.7/RI3021*	5.7/RI3021	6.2/RI3790	6.8/RI3781	7.9/RI3030	10.9/RI3030	14.5/RI3031	18.0/RI3031	31.3/RI3003	41.5/RI3003	61.7/RI3004

\* not available for 8E083 - 8E084

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>M8E075-00* (NPT) - M8E083-00* (SW) - M8E084-00* (BW)</b> With UL approved standard on/off <b>metal</b> electric actuator.												
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	
24V AC/DC	US\$	677.00 *	677.00	657.00	673.00	707.00	738.00	969.00	1,022.00	1,524.00	2,253.00	
12V AC/DC, 100-240 VAC	US\$	725.00 *	725.00	705.00	721.00	755.00	786.00	1,029.00	1,082.00	1,569.00	2,300.00	
<b>M8E075-01* (NPT) - M8E083-01* (SW) - M8E084-01* (BW)</b> With fail-safe battery back-up <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,323.00 *	1,323.00	1,303.00	1,319.00	1,353.00	1,384.00	1,737.00	1,790.00	2,428.00	3,201.00	
100-240 VAC	US\$	1,392.00 *	1,392.00	1,372.00	1,388.00	1,422.00	1,453.00	1,819.00	1,872.00	2,493.00	3,269.00	
<b>M8E075-02* (NPT) - M8E083-02* (SW) - M8E084-02* (BW)</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,316.00 *	1,316.00	1,296.00	1,312.00	1,346.00	1,377.00	1,641.00	1,694.00	2,354.00	3,123.00	
12V AC/DC, 100-240 VAC	US\$	1,397.00 *	1,397.00	1,377.00	1,393.00	1,427.00	1,458.00	1,739.00	1,792.00	2,432.00	3,205.00	
<b>M8E075-04* (NPT) - M8E083-04* (SW) - M8E084-04* (BW)</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,707.00 *	1,707.00	1,687.00	1,703.00	1,737.00	1,768.00	1,903.00	1,956.00	2,580.00	3,432.00	
100-240 VAC	US\$	1,789.00 *	1,789.00	1,769.00	1,785.00	1,819.00	1,850.00	1,985.00	2,038.00	2,645.00	3,503.00	
Weight (Lbs)/Bracket Kit		8.0/RI3021*	8.0/RI3021	8.3/RI3790	9.1/RI3781	10.2/RI3030	13.2/RI3030	17.3/RI3031	21/RI3031	40/RI3003	50/RI3003	70/RI3004

\* not available for M8E083 - M8E084

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

FOR STEAM



710085 (NPT) - 710064 (SW) - 710065 (BW) 2-way, 3-piece carbon steel 1000 WOG 250 WSP, full port ball valve.



**8P0197 (NPT) - 8P0201 (SW) - 8P0205 (BW)**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>ACT.</b>	DA32V	DA32V	DA32V	DA52V	DA52V	DA52V	DA63V	DA75V	DA85V	DA85V	DA100V
<b>Weight (Lbs)</b>	3.8	3.9	4.1	5.7	7.0	8.2	10.0	14.1	27.8	37.5	61.8
<b>Bracket Kit</b>	RI3015	RI3015	RI3789	RI3781	RI3030	RI3030	RI3031	RI3034	RI3003	RI3003	RI3004
<b>US\$</b>	287.00	287.00	283.00	356.00	393.00	441.00	534.00	672.00	967.00	1,177.00	1,802.00

Note: 710064, 1/4" not available in socket weld and 710065, 1/4" not available in butt weld



**8P0198 (NPT) - 8P0202 (SW) - 8P0206 (BW)**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>ACT.</b>	SR52V	SR52V	SR52V	SR63V	SR63V	SR63V	SR85V	SR100V	SR115V	SR125V	SR125V
<b>Weight (Lbs)</b>	5.3	5.3	5.6	7.6	9.0	10.2	17.5	33.8	44.2	57.1	77.5
<b>Bracket Kit</b>	RI3021	RI3021	RI3790	RI3783	RI3033	RI3033	RI3034	RI3034	RI3010	RI3010	RI3005
<b>US\$</b>	370.00	370.00	350.00	397.00	435.00	483.00	666.00	826.00	1,245.00	1,535.00	2,073.00

SIZE	1/4"*	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
M8E710085-00* (NPT) - M8E710064-00* (SW) - M8E710065-00* (BW)												
With UL approved standard on/off <b>metal</b> electric actuator.												
<b>ACT.</b>		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	
24V AC/DC	US\$	684.00	684.00	664.00	681.00	718.00	766.00	1,008.00	1,076.00	1,585.00	2,396.00	
12V AC/DC, 100-240 VAC	US\$	732.00 *	732.00	712.00	729.00	766.00	814.00	1,068.00	1,136.00	1,630.00	2,443.00	
M8E710085-01* (NPT) - M8E710064-01* (SW) - M8E710065-01* (BW)												
With fail-safe battery back-up <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,330.00 *	1,330.00	1,310.00	1,327.00	1,364.00	1,412.00	1,776.00	1,844.00	2,489.00	3,344.00	
100-240 VAC	US\$	1,399.00 *	1,399.00	1,379.00	1,396.00	1,433.00	1,481.00	1,858.00	1,926.00	2,554.00	3,412.00	
M8E710085-02* (NPT) - M8E710064-02* (SW) - M8E710065-02* (BW)												
With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,323.00 *	1,323.00	1,303.00	1,320.00	1,357.00	1,405.00	1,680.00	1,748.00	2,415.00	3,266.00	
12V AC/DC, 100-240 VAC	US\$	1,404.00 *	1,404.00	1,384.00	1,401.00	1,438.00	1,486.00	1,778.00	1,846.00	2,493.00	3,348.00	
M8E710085-04* (NPT) - M8E710064-04* (SW) - M8E710065-04* (BW)												
With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,714.00 *	1,714.00	1,694.00	1,711.00	1,748.00	1,796.00	1,942.00	2,010.00	2,641.00	3,575.00	
100-240 VAC	US\$	1,796.00 *	1,796.00	1,776.00	1,793.00	1,830.00	1,878.00	2,024.00	2,092.00	2,706.00	3,646.00	
<b>Weight (Lbs)/Bracket Kit</b>		8.0/RI3021*	8.0/RI3021	8.3/RI3790	9.1/RI3781	10.2/RI3030	13.2/RI3030	17.3/RI3031	21/RI3031	40/RI3003	50/RI3003	70/RI3004

\* not available for M8E710064 - M8E710065

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

620LL (NPT) - 621LL (SW) - 622LL (BW) direct mount 2-way, 3-piece carbon steel, 1,000 psi full port ball valve.



**8P0620 (NPT) - 8P0622 (SW) - 8P0624 (BW)**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA32	DA32	DA32	DA32	DA52	DA52	DA63	DA75	DA75	DA85	DA100
Weight (Lbs)	2.5	2.5	2.7	2.9	5.3	8.3	9.8	15.3	26.5	35.4	58.9
Pad/Stem	F03/9	F03/9	F03/9	F03/9	F05/11	F05/11	F05/14	F05/14	F07/17	F07/17	F07/17
US\$	216.00	216.00	218.00	229.00	319.00	363.00	461.00	632.00	956.00	1,147.00	1,818.00

**8P0621 (NPT) - 8P0623 (SW) - 8P0625 (BW)**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR52	SR52	SR52	SR63/04	SR75	SR75	SR85	SR100	SR115	SR125	SR140
Weight (Lbs)	4.0	4.0	4.2	5.8	9.9	12.9	15.9	24.2	44.9	54.8	93.2
Pad/Stem	F03/9	F03/9	F03/9	F04/9	F05/11	F05/11	F05/14	F05/14	F07/17	F07/17	F07/17
US\$	287.00	287.00	289.00	353.00	444.00	488.00	597.00	786.00	1,256.00	1,498.00	2,400.00



**8E620-00\* (FNPT) - 8E621-00\* (SW) - 8E622-00\* (BW)**

With UL approved standard on/off **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB015	VB015	VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB190	
24V AC/DC	US\$	354.00 *	354.00	356.00	367.00	550.00	594.00	720.00	817.00	1,230.00	1,392.00	2,012.00
12V AC/DC, 100-240 VAC	US\$	402.00 *	402.00	404.00	415.00	587.00	631.00	781.00	878.00	1,306.00	1,468.00	2,102.00

**8E620-01\* (FNPT) - 8E621-01\* (SW) - 8E622-01\* (BW)**

With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030*	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	
24V AC/DC	US\$	1,137.00 *	1,137.00	1,139.00	1,150.00	1,180.00	1,224.00	1,364.00	1,461.00	1,917.00	2,079.00	2,764.00
100-240 VAC	US\$	1,212.00 *	1,212.00	1,214.00	1,225.00	1,255.00	1,299.00	1,441.00	1,538.00	1,986.00	2,148.00	2,838.00

**8E620-02\* (FNPT) - 8E621-02\* (SW) - 8E622-02\* (BW)**

With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030*	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	
24V AC/DC	US\$	1,067.00 *	1,067.00	1,069.00	1,080.00	1,110.00	1,154.00	1,289.00	1,386.00	1,809.00	1,971.00	2,648.00
12V AC/DC, 100-240 VAC	US\$	1,160.00 *	1,160.00	1,162.00	1,173.00	1,203.00	1,247.00	1,382.00	1,479.00	1,901.00	2,063.00	2,747.00

**8E620-04\* (FNPT) - 8E621-04\* (SW) - 8E622-04\* (BW)**

With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030*	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	
24V AC/DC	US\$	1,316.00 *	1,316.00	1,318.00	1,329.00	1,359.00	1,403.00	1,546.00	1,643.00	2,120.00	2,282.00	2,981.00
100-240 VAC	US\$	1,399.00 *	1,399.00	1,401.00	1,412.00	1,442.00	1,486.00	1,623.00	1,720.00	2,199.00	2,361.00	3,066.00
Weight (Lbs)		6.5	6.5	6.7	6.9	8.1	11.1	13.8	17.1	31.8	38.8	58.7

\* not available for 8E621 - 8E622



**M8E620-00\* (NPT) - M8E621-00\* (SW) - M8E622-00\* (BW)**

With UL approved standard on/off **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	
24V AC/DC	US\$	601.00 *	601.00	603.00	614.00	644.00	688.00	935.00	1,032.00	1,603.00	1,765.00	2,412.00
12V AC/DC, 100-240 VAC	US\$	649.00 *	649.00	651.00	662.00	692.00	736.00	995.00	1,092.00	1,648.00	1,810.00	2,459.00

**M8E620-01\* (NPT) - M8E621-01\* (SW) - M8E622-01\* (BW)**

With fail-safe battery back-up **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030M*	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	
24V AC/DC	US\$	1,247.00 *	1,247.00	1,249.00	1,260.00	1,290.00	1,334.00	1,703.00	1,800.00	2,507.00	2,669.00	3,360.00
100-240 VAC	US\$	1,316.00 *	1,316.00	1,318.00	1,329.00	1,359.00	1,403.00	1,785.00	1,882.00	2,572.00	2,734.00	3,428.00

**M8E620-02\* (NPT) - M8E621-02\* (SW) - M8E622-02\* (BW)**

With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030M*	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	
24V AC/DC	US\$	1,240.00 *	1,240.00	1,242.00	1,253.00	1,283.00	1,327.00	1,607.00	1,704.00	2,433.00	2,595.00	3,282.00
12V AC/DC, 100-240 VAC	US\$	1,321.00 *	1,321.00	1,323.00	1,334.00	1,364.00	1,408.00	1,705.00	1,802.00	2,511.00	2,673.00	3,364.00

**M8E620-04\* (NPT) - M8E621-04\* (SW) - M8E622-04\* (BW)**

With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030M*	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	
24V AC/DC	US\$	1,631.00 *	1,631.00	1,633.00	1,644.00	1,674.00	1,718.00	1,869.00	1,966.00	2,659.00	2,821.00	3,591.00
100-240 VAC	US\$	1,713.00 *	1,713.00	1,715.00	1,726.00	1,756.00	1,800.00	1,951.00	2,048.00	2,724.00	2,886.00	3,662.00
Weight (Lbs)		10.9	10.9	11.1	11.4	12.6	15.3	18.0	21.3	40.0	47.0	67.0

\* not available for M8E621 - M8E622

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

630LL (NPT) - 631LL (SW) - 632LL (BW) encapsulated bolts direct mount, 2-way 3-piece carbon steel, 2,200 psi (1/4"-2"), 1,500 psi (2 1/2" - 3") full port ball valve.



**8P0630 (NPT) - 8P0632 (SW) - 8P0634 (BW)**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA52	DA52	DA52	DA52	DA63	DA63	DA75	DA85	-	-	-
Weight (Lbs)	4.0	4.0	2.7	6.3	9.3	10.7	17.1	30.6	-	-	-
Pad/Stem	F04/9	F04/9	F07/9	F05/11	F05/11	F07/14	F07/14	F10/17	-	-	-
US\$	300.00	300.00	307.00	318.00	383.00	443.00	576.00	837.00	C/F	C/F	C/F



**8P0631 (NPT) - 8P0633 (SW) - 8P0635 (BW)**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR63	SR63	SR63	SR75	SR75	SR85	SR115	SR125	-	-	-
Weight (Lbs)	5.9	5.9	6.6	11.3	13.1	17.6	36.3	53.0	-	-	-
Pad/Stem	F04/9	F04/9	F07/9	F05/11	F05/11	F07/14	F07/14	F10/17	-	-	-
US\$	349.00	349.00	356.00	443.00	475.00	579.00	876.00	1,188.00	C/F	C/F	C/F



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
8E0630-00* (NPT) - 8E0631-00* (SW) - 8E0632-00* (BW) With UL approved standard on/off <b>plastic</b> electric actuator.											
ACT.		VB015	VB015	VB015	VB030	VB030	VB060	VB060	VB110	-	-
24V AC/DC	US\$	365.00	365.00	372.00	549.00	581.00	702.00	761.00	1,102.00	C/F	C/F
12V AC/DC, 100-240 VAC	US\$	413.00	413.00	420.00	586.00	618.00	763.00	822.00	1,178.00	C/F	C/F
8E0630-01* (NPT) - 8E0631-01* (SW) - 8E0632-01* (BW) With fail-safe battery back-up <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB0030	VB030	VB060	VB060	VB110	-	-
24V AC/DC	US\$	1,148.00	1,148.00	1,155.00	1,179.00	1,211.00	1,346.00	1,405.00	1,789.00	C/F	C/F
100-240 VAC	US\$	1,223.00	1,223.00	1,230.00	1,254.00	1,286.00	1,423.00	1,482.00	1,858.00	C/F	C/F
8E0630-02* (NPT) - 8E0631-02* (SW) - 8E0632-02* (BW) With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB0030	VB030	VB060	VB060	VB110	-	-
24V AC/DC	US\$	1,078.00	1,078.00	1,085.00	1,109.00	1,141.00	1,271.00	1,330.00	1,681.00	C/F	C/F
12V AC/DC, 100-240 VAC	US\$	1,171.00	1,171.00	1,178.00	1,202.00	1,234.00	1,364.00	1,423.00	1,773.00	C/F	C/F
8E0630-04* (NPT) - 8E0631-04* (SW) - 8E0632-04* (BW) With fail-safe battery back-up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB0030	VB030	VB060	VB060	VB110	-	-
24V AC/DC	US\$	1,327.00	1,327.00	1,334.00	1,358.00	1,390.00	1,528.00	1,587.00	1,992.00	C/F	C/F
100-240 VAC	US\$	1,410.00	1,410.00	1,417.00	1,441.00	1,473.00	1,605.00	1,664.00	2,071.00	C/F	C/F
Weight (Lbs)		7.0	7.0	7.7	11.5	11.1	14.7	18.7	33.7	-	-

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
M8E0630-00* (NPT) - M8E0631-00* (SW) - M8E0632-00* (BW) With UL approved standard on/off <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	-	-
24V AC/DC	US\$	612.00	612.00	619.00	647.00	675.00	917.00	976.00	1,475.00	C/F	C/F
12V AC/DC, 100-240 VAC	US\$	660.00	660.00	667.00	695.00	723.00	977.00	1,036.00	1,520.00	C/F	C/F
M8E0630-01* (NPT) - M8E0631-01* (SW) - M8E0632-01* (BW) With fail-safe battery back-up <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	-	-
24V AC/DC	US\$	1,258.00	1,258.00	1,265.00	1,293.00	1,321.00	1,685.00	1,744.00	2,379.00	C/F	C/F
100-240 VAC	US\$	1,327.00	1,327.00	1,334.00	1,362.00	1,390.00	1,767.00	1,826.00	2,444.00	C/F	C/F
M8E0630-02* (NPT) - M8E0631-02* (SW) - M8E0632-02* (BW) With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	-	-
24V AC/DC	US\$	1,251.00	1,251.00	1,258.00	1,286.00	1,314.00	1,589.00	1,648.00	2,305.00	C/F	C/F
12V AC/DC, 100-240 VAC	US\$	1,332.00	1,332.00	1,339.00	1,367.00	1,395.00	1,687.00	1,746.00	2,383.00	C/F	C/F
M8E0630-04* (NPT) - M8E0631-04* (SW) - M8E0632-04* (BW) With fail-safe battery back-up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	-	-
24V AC/DC	US\$	1,642.00	1,642.00	1,649.00	1,677.00	1,705.00	1,851.00	1,910.00	2,531.00	C/F	C/F
100-240 VAC	US\$	1,724.00	1,724.00	1,731.00	1,759.00	1,787.00	1,933.00	1,992.00	2,596.00	C/F	C/F
Weight (Lbs)		11.4	11.4	12.1	13.7	15.5	19.1	23.1	43.1	-	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC





700076 direct mount , 2-way 2-piece stainless steel, 1000 WOG 150 WSP, full port ball valve.



**8P0133**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	DA32	DA32	DA32	DA32	DA32	DA32	DA52	DA52	DA75	DA85
Weight (Lbs)	1.8	1.8	1.8	2.1	2.6	3.4	6.2	8.9	22.0	31.0
US\$	228.00	228.00	239.00	247.00	274.00	326.00	425.00	520.00	766.00	955.00



**8P0133SS**

With double acting stainless steel pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	SSDA52	SSDA52	SSDA52	SSDA52	SSDA52	SSDA52	SSDA52	SSDA52	SSDA75	SSDA85
Weight (Lbs)	6.1	6.1	6.3	6.9	7.3	7.8	9.1	11.8	27.3	45.3
US\$	832.00	832.00	868.00	876.00	903.00	955.00	994.00	1,089.00	1,565.00	1,976.00

**8P0134SS**

With spring return stainless steel pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SSSR52	SSSR52	SSSR52	SSSR52	SSSR52	SSSR52	SSSR63	SSSR63
Weight (Lbs)	6.6	6.6	6.8	7.4	7.8	8.3	11.7	14.5
US\$	866.00	866.00	902.00	910.00	937.00	989.00	1,122.00	1,217.00



700076 direct mount , 2-way 2-piece stainless steel, 1000 WOG 150 WSP, full port ball valve.



**8E867-00\***

With standard on/off plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"
ACT.		VB010	VB010	VB010	VB010	VB010	VB010
Weight (Lbs)		2.9	2.9	2.9	3.1	3.7	4.4
24V AC/DC	US\$	309.00	309.00	325.00	333.00	360.00	412.00
110V AC	US\$	321.00	321.00	337.00	345.00	372.00	424.00



**8E067-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.		VB015	VB015	VB015	VB015	VB015	VB015	VB030	VB030	VB0110	VB0110
24V AC/DC	US\$	341.00	341.00	377.00	385.00	412.00	464.00	656.00	751.00	1,040.00	1,200.00
12V AC/DC, 100-240 VAC	US\$	389.00	389.00	425.00	433.00	460.00	512.00	693.00	788.00	1,116.00	1,276.00

**8E067-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB0110
24V AC/DC	US\$	1,124.00	1,124.00	1,160.00	1,168.00	1,195.00	1,247.00	1,286.00	1,381.00	1,727.00	1,887.00
100-240 VAC	US\$	1,199.00	1,199.00	1,235.00	1,243.00	1,270.00	1,322.00	1,361.00	1,456.00	1,796.00	1,956.00

**8E067-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,054.00	1,054.00	1,090.00	1,098.00	1,125.00	1,177.00	1,216.00	1,311.00	1,619.00	1,779.00
12V AC/DC, 100-240 VAC	US\$	1,147.00	1,147.00	1,183.00	1,191.00	1,218.00	1,270.00	1,309.00	1,404.00	1,711.00	1,871.00

**8E067-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,303.00	1,303.00	1,339.00	1,347.00	1,374.00	1,426.00	1,465.00	1,560.00	1,930.00	2,090.00
100-240 VAC	US\$	1,386.00	1,386.00	1,422.00	1,430.00	1,457.00	1,509.00	1,548.00	1,643.00	2,009.00	2,169.00
Weight (Lbs)		4.3	4.3	3.8	4.0	4.7	5.4	8.8	11.6	24.1	32.1



**M8E067-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB0110M	VB0110M
24V AC/DC	US\$	588.00	588.00	624.00	632.00	659.00	711.00	750.00	845.00	1,413.00	1,573.00
12V AC/DC, 100-240 VAC	US\$	636.00	636.00	672.00	680.00	707.00	759.00	798.00	893.00	1,458.00	1,618.00

**M8E067-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,234.00	1,234.00	1,270.00	1,278.00	1,305.00	1,357.00	1,396.00	1,491.00	2,317.00	2,477.00
100-240 VAC	US\$	1,303.00	1,303.00	1,339.00	1,347.00	1,374.00	1,426.00	1,465.00	1,560.00	2,382.00	2,542.00

**M8E067-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,227.00	1,227.00	1,263.00	1,271.00	1,298.00	1,350.00	1,389.00	1,484.00	2,243.00	2,403.00
12V AC/DC, 100-240 VAC	US\$	1,308.00	1,308.00	1,344.00	1,352.00	1,379.00	1,431.00	1,470.00	1,565.00	2,321.00	2,481.00

**M8E067-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,618.00	1,618.00	1,654.00	1,662.00	1,689.00	1,741.00	1,780.00	1,875.00	2,469.00	2,629.00
100-240 VAC	US\$	1,700.00	1,700.00	1,736.00	1,744.00	1,771.00	1,823.00	1,862.00	1,957.00	2,534.00	2,694.00
Weight (Lbs)		8.6	8.6	8.2	8.7	9.2	10.0	11.2	14.0	32.0	40.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

700LL 2-way 2-piece stainless steel 2,000 psi 1/4"-1", 1,500 psi 1 1/4"-2" full port ball valve.



**8P0026**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA32	DA32	DA32	DA32	DA52	DA52	DA63	DA75
Weight (Lbs)	3.9	3.9	3.9	4.3	6.3	7.0	9.5	14.4
Bracket kit	MK700LL-1/4	MK700LL-1/4	MK700LL-1/2	MK700LL-3/4	MK700LL-1	MK700LL-1-1/4	MK700LL-1-1/2	MK700LL-2
US\$	258.00	258.00	263.00	271.00	350.00	360.00	432.00	544.00



**8P0027**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR52	SR52	SR52	SR63	SR75	SR75	SR85	SR100
Weight (Lbs)	5.4	5.4	5.4	7.2	10.9	11.7	15.9	23.5
Bracket kit	MK700LL-1/4	MK700LL-1/4	MK700LL-1/2	MK700LL-3/4	MK700LL-1	MK700LL-1-1/4	MK700LL-1-1/2	MK700LL-2
US\$	325.00	325.00	330.00	368.00	468.00	478.00	562.00	698.00



**8E0126-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB015	VB015	VB015	VB015	VB030	VB030	VB060
24V AC/DC	US\$	392.00	392.00	397.00	405.00	581.00	591.00	735.00
12V AC/DC, 100-240 VAC	US\$	440.00	440.00	445.00	453.00	618.00	628.00	796.00

**8E0126-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB060
24V AC/DC	US\$	1,175.00	1,175.00	1,180.00	1,188.00	1,211.00	1,221.00	1,379.00
100-240 VAC	US\$	1,250.00	1,250.00	1,255.00	1,263.00	1,286.00	1,296.00	1,456.00

**8E0126-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,105.00	1,105.00	1,110.00	1,118.00	1,141.00	1,151.00	1,304.00
12V AC/DC, 100-240 VAC	US\$	1,198.00	1,198.00	1,203.00	1,211.00	1,234.00	1,244.00	1,397.00

**8E0126-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,354.00	1,354.00	1,359.00	1,367.00	1,390.00	1,400.00	1,445.00
100-240 VAC	US\$	1,437.00	1,437.00	1,442.00	1,450.00	1,473.00	1,483.00	1,638.00
Weight (Lbs)/Bracket kit		3.9/MK700LL-1/2	3.9/MK700LL-1/2	3.9/MK700LL-1/2	3.9/MK700LL-3/4	7.1/MK700LL-1	7.7/MK700LL-11/4	9.5/MK700LL-11/2   14.1/MK700LL-11/2

**M8E0126-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$	639.00	639.00	644.00	652.00	675.00	685.00	950.00
12V AC/DC, 100-240 VAC	US\$	687.00	687.00	692.00	700.00	723.00	733.00	1,010.00

**M8E0126-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,285.00	1,285.00	1,290.00	1,298.00	1,321.00	1,331.00	1,718.00
100-240 VAC	US\$	1,354.00	1,354.00	1,359.00	1,367.00	1,390.00	1,400.00	1,800.00

**M8E0126-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,278.00	1,278.00	1,283.00	1,291.00	1,314.00	1,324.00	1,622.00
12V AC/DC, 100-240 VAC	US\$	1,359.00	1,359.00	1,364.00	1,372.00	1,395.00	1,405.00	1,720.00

**M8E0126-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,669.00	1,669.00	1,674.00	1,682.00	1,705.00	1,715.00	1,884.00
100-240 VAC	US\$	1,751.00	1,751.00	1,756.00	1,764.00	1,787.00	1,797.00	1,966.00
Weight (Lbs)/Bracket kit		8.2/MK700LL-1/2	8.2/MK700LL-1/2	8.2/MK700LL-1/2	8.2/MK700LL-3/4	9.6/MK700LL-1	10.2/MK700LL-11/4	12.0/MK700LL-11/2   16.8/MK700LL-11/2

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

3100 series direct mount, 2-way 2-piece stainless steel, 3,000 psi full port ball valve.



**8P3100**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA52	DA52	DA52	DA52	DA63	DA75	DA75	DA75
Weight (Lbs)	3.9	3.9	3.9	4.3	6.3	7.0	9.5	14.4
Pad/stem	F03/9	F03/9	F03/9	F03/9	F05/11	F05/11	F05/14	F05/14
US\$	316.00	316.00	316.00	336.00	407.00	560.00	676.00	759.00



**8P3102**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR63	SR63	SR63	SR75*	SR75	SR85	SR100	SR115
Weight (Lbs)	5.4	5.4	6.5	7.2	10.9	11.7	15.9	23.5
Pad/stem	F04/9	F04/9	F04/9	Bracket	F05/11	F05/11	F07/14	F07/14
US\$	380.00	380.00	381.00	569.00	499.00	622.00	839.00	1,059.00



**8E3100-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB015	VB015	VB030	VB030	VB030	VB060	VB060
24V AC/DC	US\$	394.00	394.00	547.00	567.00	605.00	750.00	861.00
12V AC/DC, 100-240 VAC	US\$	442.00	442.00	584.00	604.00	642.00	811.00	922.00

**8E3100-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB030	VB030	VB030	VB030	VB030	VB060	VB060
24V AC/DC	US\$	1,177.00	1,177.00	1,177.00	1,197.00	1,235.00	1,394.00	1,505.00
100-240 VAC	US\$	1,252.00	1,252.00	1,252.00	1,272.00	1,310.00	1,471.00	1,582.00

**8E3100-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,107.00	1,107.00	1,107.00	1,127.00	1,165.00	1,319.00	1,430.00
12V AC/DC, 100-240 VAC	US\$	1,200.00	1,200.00	1,200.00	1,220.00	1,258.00	1,412.00	1,523.00

**8E3100-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,356.00	1,356.00	1,356.00	1,376.00	1,414.00	1,576.00	1,687.00
100-240 VAC	US\$	1,439.00	1,439.00	1,439.00	1,459.00	1,497.00	1,653.00	1,764.00
Weight (Lbs)		3.9	3.9	3.9	4.3	6.3	7.0	9.5

**M8E3100-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M
24V AC/DC	US\$	641.00	641.00	641.00	661.00	699.00	965.00	1,076.00
12V AC/DC, 100-240 VAC	US\$	689.00	689.00	689.00	709.00	747.00	1,025.00	1,136.00

**M8E3100-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,287.00	1,287.00	1,287.00	1,307.00	1,345.00	1,733.00	1,844.00
100-240 VAC	US\$	1,356.00	1,356.00	1,356.00	1,376.00	1,414.00	1,815.00	1,926.00

**M8E3100-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,280.00	1,280.00	1,280.00	1,300.00	1,338.00	1,637.00	1,748.00
12V AC/DC, 100-240 VAC	US\$	1,361.00	1,361.00	1,361.00	1,381.00	1,419.00	1,735.00	1,846.00

**M8E3100-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,671.00	1,671.00	1,671.00	1,691.00	1,729.00	1,899.00	2,010.00
100-240 VAC	US\$	1,753.00	1,753.00	1,753.00	1,773.00	1,811.00	1,981.00	2,092.00
Weight (Lbs)		8.4	8.4	8.4	8.9	10.9	11.6	12.2

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC





710001 (NPT) - 711000 (SW) - 712000 (BW) 2-way, 3-piece stainless steel 1,000 psi, full port ball valve.



**8P0169 (NPT) - 8P0187 (SW) - 8P0189 (BW)**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA32	DA32	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100
Weight (Lbs)	3.8	3.8	4.1	5.7	7.0	8.2	10.0	14.1	27.8	37.5	61.8
Bracket kit	RI3015	RI3015	RI3789	RI3781	RI3030	RI3030	RI3031	RI3034	RI3003	RI3003	RI3004
US\$	285.00	285.00	293.00	368.00	410.00	459.00	549.00	705.00	1,102.00	1,309.00	2,095.00



**8P0170 (NPT) - 8P0188 (SW) - 8P0190 (BW)**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR52	SR52	SR52	SR63	SR63	SR63	SR85	SR100	SR115	SR125	SR125
Weight (Lbs)	5.3	5.3	5.6	7.6	9.0	10.2	17.5	33.8	44.2	57.1	77.5
Bracket kit	RI3021	RI3021	RI3790	RI3783	RI3033	RI3033	RI3034	RI3034	RI3010	RI3010	RI3005
US\$	368.00	368.00	360.00	409.00	452.00	501.00	681.00	859.00	1,380.00	1,667.00	2,366.00



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>8E074-00* (NPT) - 8E080-00* (SW) - 8E081-00* (BW)</b>												
With UL approved standard on/off <b>plastic</b> electric actuator.												
ACT.		VB015	VB015	VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB190	
24V AC/DC	US\$	435.00 *	435.00	427.00	446.00	641.00	690.00	808.00	894.00	1,347.00	2,289.00	
12V AC/DC, 100-240 VAC	US\$	483.00 *	483.00	475.00	494.00	678.00	727.00	869.00	955.00	1,423.00	2,379.00	
<b>8E074-01* (NPT) - 8E080-01* (SW) - 8E081-01* (BW)</b>												
With fail-safe battery back-up <b>plastic</b> electric actuator.												
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	
24V AC/DC	US\$	1,218.00 *	1,218.00	1,210.00	1,229.00	1,271.00	1,320.00	1,452.00	1,538.00	2,034.00	3,041.00	
100-240 VAC	US\$	1,293.00 *	1,293.00	1,285.00	1,304.00	1,346.00	1,395.00	1,529.00	1,615.00	2,103.00	3,115.00	
<b>8E074-02* (NPT) - 8E080-02* (SW) - 8E081-02* (BW)</b>												
With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.												
24V AC/DC	US\$	1,148.00 *	1,148.00	1,140.00	1,159.00	1,201.00	1,250.00	1,377.00	1,463.00	1,926.00	2,925.00	
12V AC/DC, 100-240 VAC	US\$	1,241.00 *	1,241.00	1,233.00	1,252.00	1,294.00	1,343.00	1,470.00	1,556.00	2,018.00	3,024.00	
<b>8E074-04* (NPT) - 8E080-04* (SW) - 8E081-04* (BW)</b>												
With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.												
24V AC/DC	US\$	1,397.00 *	1,397.00	1,389.00	1,408.00	1,450.00	1,499.00	1,634.00	1,720.00	2,237.00	3,258.00	
100-240 VAC	US\$	1,480.00 *	1,480.00	1,472.00	1,491.00	1,533.00	1,582.00	1,711.00	1,797.00	2,316.00	3,343.00	
Weight (Lbs)/Bracket kit		5.7/RI3021	5.7/RI3021	6.2/RI3790	6.8/RI3781	7.9/RI3030	10.9/RI3030	14.5/RI3031	18.0/RI3031	31.3/RI3003	41.5/RI3003	61.7/RI3004

\* not available for 8E080 - 8E081

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>M8E074-00* (NPT) - M8E080-00* (SW) - M8E081-00* (BW)</b>												
With UL approved standard on/off <b>metal</b> electric actuator.												
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	
24V AC/DC	US\$	682.00 *	682.00	674.00	693.00	735.00	784.00	1,023.00	1,109.00	1,720.00	2,689.00	
12V AC/DC, 100-240 VAC	US\$	730.00 *	730.00	722.00	741.00	783.00	832.00	1,083.00	1,169.00	1,765.00	2,736.00	
<b>M8E074-01* (NPT) - M8E080-01* (SW) - M8E081-01* (BW)</b>												
With fail-safe battery back-up <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,328.00 *	1,328.00	1,320.00	1,339.00	1,381.00	1,430.00	1,791.00	1,877.00	2,624.00	3,637.00	
100-240 VAC	US\$	1,397.00 *	1,397.00	1,389.00	1,408.00	1,450.00	1,499.00	1,873.00	1,959.00	2,689.00	3,705.00	
<b>M8E074-02* (NPT) - M8E080-02* (SW) - M8E081-02* (BW)</b>												
With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,321.00 *	1,321.00	1,313.00	1,332.00	1,374.00	1,423.00	1,695.00	1,781.00	2,550.00	3,559.00	
12V AC/DC, 100-240 VAC	US\$	1,402.00 *	1,402.00	1,394.00	1,413.00	1,455.00	1,504.00	1,793.00	1,879.00	2,628.00	3,641.00	
<b>M8E074-04* (NPT) - M8E080-04* (SW) - M8E081-04* (BW)</b>												
With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,712.00 *	1,712.00	1,704.00	1,723.00	1,765.00	1,814.00	1,957.00	2,043.00	2,776.00	3,868.00	
100-240 VAC	US\$	1,794.00 *	1,794.00	1,786.00	1,805.00	1,847.00	1,896.00	2,039.00	2,125.00	2,776.00	3,939.00	
Weight (Lbs)/Bracket kit		8.0/RI3021	8.0/RI3021	8.3/RI3790	9.1/RI3781	10.2/RI3030	13.2/RI3030	17.3/RI3031	21/RI3031	40/RI3003	50/RI3003	70/RI3004

\* not available for M8E080 - M8E081

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

FOR STEAM



710190 (NPT) - 710061 (SW) - 710062 (BW) 2-way, 3 piece stainless steel, 1000 WOG 250 WSP full port ball valve.



**8P0195 (NPT) - 8P0199 (SW) - 8P0203 (BW)**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>ACT.</b>	DA32V	DA32V	DA32V	DA52V	DA52V	DA52V	DA63V	DA75V	DA85V	DA85V	DA100V
<b>Weight (Lbs)</b>	3.8	3.9	4.1	5.7	7.0	8.2	10.0	14.1	27.8	37.5	61.8
<b>Bracket kit</b>	RI3015	RI3015	RI3789	RI3781	RI3030	RI3030	RI3031	RI3034	RI3003	RI3003	RI3004
<b>US\$</b>	291.00	291.00	302.00	380.00	428.00	482.00	586.00	739.00	1,158.00	1,427.00	2,205.00



**8P0196 (NPT) - 8P0200 (SW) - 8P0204 (BW)**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>ACT.</b>	SR52V	SR52V	SR52V	SR63V	SR63V	SR63V	SR85V	SR100V	SR115V	SR125V	SR125V
<b>Weight (Lbs)</b>	5.3	5.3	5.6	7.6	9.0	10.2	17.5	33.8	44.2	57.1	77.5
<b>Bracket kit</b>	RI3021	RI3021	RI3790	RI3783	RI3033	RI3033	RI3034	RI3034	RI3010	RI3010	RI3005
<b>US\$</b>	374.00	374.00	369.00	421.00	470.00	524.00	718.00	893.00	1,436.00	1,785.00	2,476.00

SIZE	1/4" *	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
M8E710190-00* (NPT) - M8E710061-00* (SW) - M8E710062-00* (BW) With UL approved standard on/off <b>metal</b> electric actuator.											
<b>ACT.</b>		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M
<b>24V AC/DC</b>	US\$	688.00 *	688.00	683.00	705.00	753.00	807.00	1,060.00	1,143.00	1,776.00	2,045.00
<b>12V AC/DC, 100-240 VAC</b>	US\$	736.00 *	736.00	731.00	753.00	801.00	855.00	1,120.00	1,203.00	1,821.00	2,090.00
M8E710190-01* (NPT) - M8E710061-01* (SW) - M8E710062-01* (BW) With fail-safe battery back-up <b>metal</b> electric actuator.											
<b>24V AC/DC</b>	US\$	1,334.00 *	1,334.00	1,329.00	1,351.00	1,399.00	1,453.00	1,828.00	1,911.00	2,680.00	2,949.00
<b>100-240 VAC</b>	US\$	1,403.00 *	1,403.00	1,398.00	1,420.00	1,468.00	1,522.00	1,910.00	1,993.00	2,745.00	3,014.00
M8E710190-02* (NPT) - M8E710061-02* (SW) - M8E710062-02* (BW) With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
<b>24V AC/DC</b>	US\$	1,327.00 *	1,327.00	1,322.00	1,344.00	1,392.00	1,446.00	1,732.00	1,815.00	2,608.00	2,875.00
<b>12V AC/DC, 100-240 VAC</b>	US\$	1,408.00 *	1,408.00	1,403.00	1,425.00	1,473.00	1,527.00	1,830.00	1,913.00	2,684.00	2,953.00
M8E710190-04* (NPT) - M8E710061-04* (SW) - M8E710062-04* (BW) With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
<b>24V AC/DC</b>	US\$	1,718.00 *	1,718.00	1,713.00	1,735.00	1,783.00	1,837.00	1,994.00	2,077.00	2,832.00	3,101.00
<b>100-240 VAC</b>	US\$	1,800.00 *	1,800.00	1,795.00	1,817.00	1,865.00	1,919.00	2,076.00	2,159.00	2,832.00	3,101.00
<b>Weight (Lbs)/Bracket kit</b>		8.0/RI3021	8.0/RI3021	8.3/RI3790	9.1/RI3781	10.2/RI3030	13.2/RI3030	17.3/RI3031	21/RI3031	40/RI3003	50/RI3003

\* not available for M8E710061 - M8E710062

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

720LL (NPT) - 721LL (SW) - 722LL (BW) direct mount, 2-way 3 piece stainless steel 1,000 psi, full port ball valve.



**8P0720 (NPT) - 8P0722 (SW) - 8P0724 (BW)**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA32	DA32	DA32	DA32	DA52	DA52	DA63	DA75	DA75	DA85	DA100
Weight (Lbs)	2.5	2.5	2.7	2.9	5.3	8.3	9.8	15.3	26.5	35.4	58.9
Pad/Stem	F03/9	F03/9	F03/9	F03/9	F05/11	F05/11	F05/14	F05/14	F07/17	F07/17	F07/17
US\$	226.00	226.00	243.00	250.00	336.00	386.00	508.00	677.00	1,072.00	1,286.00	2,056.00

**8P0721 (NPT) - 8P0723 (SW) - 8P0725 (BW)**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR52	SR52	SR52	SR63/04	SR75	SR75	SR85	SR100	SR115	SR125	SR140
Weight (Lbs)	4.0	4.0	4.2	5.8	9.9	12.9	15.9	24.2	44.9	54.8	93.2
Pad/Stem	F03/9	F03/9	F03/9	F04/9	F05/11	F05/11	F05/14	F05/14	F07/17	F07/17	F07/17
US\$	297.00	297.00	314.00	364.00	461.00	511.00	644.00	831.00	1,372.00	1,637.00	2,638.00



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
8E0720-00* (NPT) - 8E0721-00* (SW) - 8E0722-00* (BW) With UL approved standard on/off <b>plastic</b> electric actuator.											
ACT.		VB015	VB015	VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	364.00	364.00	366.00	378.00	567.00	617.00	767.00	862.00	1,346.00	2,250.00
12V AC/DC, 100-240 VAC	US\$	412.00	412.00	414.00	426.00	604.00	654.00	828.00	923.00	1,422.00	2,340.00
8E0720-01* (NPT) - 8E0721-01* (SW) - 8E0722-01* (BW) With fail-safe battery back-up <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	1,147.00	1,147.00	1,149.00	1,161.00	1,197.00	1,247.00	1,411.00	1,506.00	2,033.00	3,002.00
100-240 VAC	US\$	1,222.00	1,222.00	1,224.00	1,236.00	1,272.00	1,322.00	1,488.00	1,583.00	2,102.00	3,076.00
8E0720-02* (NPT) - 8E0721-02* (SW) - 8E0722-02* (BW) With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,077.00	1,077.00	1,079.00	1,091.00	1,127.00	1,177.00	1,336.00	1,431.00	1,925.00	2,886.00
12V AC/DC, 100-240 VAC	US\$	1,170.00	1,170.00	1,172.00	1,184.00	1,220.00	1,270.00	1,429.00	1,524.00	2,017.00	2,985.00
8E0720-04* (NPT) - 8E0721-04* (SW) - 8E0722-04* (BW) With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,326.00	1,326.00	1,328.00	1,340.00	1,376.00	1,426.00	1,593.00	1,688.00	2,236.00	3,219.00
100-240 VAC	US\$	1,409.00	1,409.00	1,411.00	1,423.00	1,459.00	1,509.00	1,670.00	1,765.00	2,315.00	3,304.00
Weight (Lbs)		6.5	6.5	6.7	6.9	8.1	11.1	13.8	17.1	31.8	58.7



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
M8E0720-00* (FNPT) - M8E0721-00* (SW) - M8E0722-00* (BW) With UL approved standard on/off <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M
24V AC/DC	US\$	611.00	611.00	613.00	625.00	661.00	711.00	982.00	1,077.00	1,719.00	2,650.00
12V AC/DC, 100-240 VAC	US\$	659.00	659.00	661.00	673.00	709.00	759.00	1,042.00	1,137.00	1,764.00	2,697.00
M8E0720-01* (FNPT) - M8E0721-01* (SW) - M8E0722-01* (BW) With fail-safe battery back-up <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,257.00	1,257.00	1,259.00	1,271.00	1,307.00	1,357.00	1,750.00	1,845.00	2,623.00	3,598.00
100-240 VAC	US\$	1,326.00	1,326.00	1,328.00	1,340.00	1,376.00	1,426.00	1,832.00	1,927.00	2,688.00	3,666.00
M8E0720-02* (FNPT) - M8E0721-02* (SW) - M8E0722-02* (BW) With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,250.00	1,250.00	1,252.00	1,264.00	1,300.00	1,350.00	1,654.00	1,749.00	2,549.00	3,520.00
12V AC/DC, 100-240 VAC	US\$	1,331.00	1,331.00	1,333.00	1,345.00	1,381.00	1,431.00	1,752.00	1,847.00	2,627.00	3,602.00
M8E0720-04* (FNPT) - M8E0721-04* (SW) - M8E0722-04* (BW) With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,641.00	1,641.00	1,643.00	1,655.00	1,691.00	1,741.00	1,916.00	2,011.00	2,775.00	3,829.00
100-240 VAC	US\$	1,723.00	1,723.00	1,725.00	1,737.00	1,773.00	1,823.00	1,998.00	2,093.00	2,840.00	3,900.00
Weight (Lbs)		10.9	10.9	11.1	11.4	12.6	15.3	18.0	21.3	40.0	67.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

730LL (NPT) - 731LL (SW) - 732LL (BW) encapsulated bolts, direct mount, 2 way 3-piece, stainless steel, 2,160 psi (1/4"-2"), 1,500 psi (2 1/2"-3") full port ball valve.



**8P0730 (NPT) - 8P0732 (SW) - 8P0734 (BW)**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA52	DA52	DA52	DA52	DA63	DA63	DA75	DA85	-	-	-
Weight (Lbs)	4.0	4.0	2.7	6.3	9.3	10.7	17.1	30.6	-	-	-
Pad/Stem	F04/9	F04/9	F04/9	F05/11	F05/11	F07/14	F07/14	F010/17	-	-	-
US\$	310.00	310.00	319.00	341.00	416.00	491.00	635.00	958.00	C/F	C/F	C/F

**8P0731 (NPT) - 8P0733 (SW) - 8P0735 (BW)**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR63	SR63	SR63	SR75	SR75	SR85	SR115	SR125	-	-	-
Weight (Lbs)	5.9	5.9	6.6	11.3	11.3	17.6	36.3	53.0	-	-	-
Pad/Stem	F04/9	F04/9	F07/9	F05/11	F05/11	F07/14	F07/14	F10/17	-	-	-
US\$	359.00	359.00	368.00	466.00	508.00	627.00	935.00	1,309.00	C/F	C/F	C/F



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
8E0730-00* (NPT) - 8E0731-00* (SW) - 8E0732-00* (BW) With UL approved standard on/off <b>plastic</b> electric actuator.											
ACT.		VB015	VB015	VB015	VB030	VB030	VB060	VB060	VB110	-	-
24V AC/DC	US\$	375.00	375.00	384.00	572.00	614.00	750.00	820.00	1,223.00	C/F	C/F
12V AC/DC, 100-240 VAC	US\$	423.00	423.00	432.00	609.00	651.00	811.00	881.00	1,299.00	C/F	C/F
8E0730-01* (NPT) - 8E0731-01* (SW) - 8E0732-01* (BW) With fail-safe battery back-up <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB0030	VB030	VB060	VB060	VB110	-	-
24V AC/DC	US\$	1,158.00	1,158.00	1,167.00	1,202.00	1,244.00	1,394.00	1,464.00	1,910.00	C/F	C/F
100-240 VAC	US\$	1,233.00	1,233.00	1,242.00	1,277.00	1,319.00	1,471.00	1,541.00	1,979.00	C/F	C/F
8E0730-02* (NPT) - 8E0731-02* (SW) - 8E0732-02* (BW) With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,088.00	1,088.00	1,097.00	1,132.00	1,174.00	1,319.00	1,389.00	1,802.00	C/F	C/F
12V AC/DC, 100-240 VAC	US\$	1,181.00	1,181.00	1,190.00	1,225.00	1,267.00	1,412.00	1,482.00	1,894.00	C/F	C/F
8E0730-04* (NPT) - 8E0731-04* (SW) - 8E0732-04* (BW) With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,337.00	1,337.00	1,346.00	1,381.00	1,423.00	1,576.00	1,646.00	2,113.00	C/F	C/F
100-240 VAC	US\$	1,420.00	1,420.00	1,429.00	1,464.00	1,506.00	1,653.00	1,723.00	2,192.00	C/F	C/F
Weight (Lbs)		7.0	7.0	7.7	11.5	11.1	14.7	18.7	33.7	-	-



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
M8E0730-00* (FNPT) - M8E0731-00* (SW) - M8E0732-00* (BW) With UL approved standard on/off <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	-	-
24V AC/DC	US\$	622.00	622.00	631.00	670.00	708.00	965.00	1,035.00	1,596.00	C/F	C/F
12V AC/DC, 100-240 VAC	US\$	670.00	670.00	679.00	718.00	756.00	1,025.00	1,095.00	1,641.00	C/F	C/F
M8E0730-01* (FNPT) - M8E0731-01* (SW) - M8E0732-01* (BW) With fail-safe battery back-up <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,268.00	1,268.00	1,277.00	1,316.00	1,354.00	1,733.00	1,803.00	2,500.00	C/F	C/F
100-240 VAC	US\$	1,337.00	1,337.00	1,346.00	1,385.00	1,423.00	1,815.00	1,885.00	2,565.00	C/F	C/F
M8E0730-02* (FNPT) - M8E0731-02* (SW) - M8E0732-02* (BW) With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,261.00	1,261.00	1,270.00	1,309.00	1,347.00	1,637.00	1,707.00	2,426.00	C/F	C/F
12V AC/DC, 100-240 VAC	US\$	1,342.00	1,342.00	1,351.00	1,390.00	1,428.00	1,735.00	1,805.00	2,504.00	C/F	C/F
M8E0730-04* (FNPT) - M8E0731-04* (SW) - M8E0732-04* (BW) With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,652.00	1,652.00	1,661.00	1,700.00	1,738.00	1,899.00	1,969.00	2,652.00	C/F	C/F
100-240 VAC	US\$	1,734.00	1,734.00	1,743.00	1,782.00	1,820.00	1,981.00	2,051.00	2,717.00	C/F	C/F
Weight (Lbs)		11.4	11.4	12.1	13.7	15.5	19.1	23.1	43.1	-	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



770 2-way 3 piece direct mount stainless steel sanitary connection, non-cavity filled, full port ball valve.



**8P0770**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA32	DA52	DA52	DA63	DA75	DA75	DA85	DA100
Weight (Lbs)	4.2	4.5	5.5	10.7	15.7	27.4	36.4	57.6
US\$	269.00	329.00	359.00	549.00	721.00	1,155.00	1,427.00	2,220.00



**8P0772**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR52-04	SR63-04	SR75	SR85	SR100	SR115	SR125	SR125
Weight (Lbs)	5.7	6.0	10.3	16.8	24.7	46.1	58.9	111.7
US\$	349.00	393.00	484.00	685.00	875.00	1,449.00	1,778.00	2,498.00



**8E0770-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	399.00	403.00	437.00	808.00	906.00	1,423.00	1,672.00	2,392.00
12V AC/DC, 100-240 VAC	US\$	447.00	451.00	485.00	869.00	967.00	1,499.00	1,748.00	2,468.00

**8E0770-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	1,182.00	1,186.00	1,220.00	1,452.00	1,550.00	2,110.00	2,359.00	3,079.00
100-240 VAC	US\$	1,257.00	1,261.00	1,295.00	1,529.00	1,627.00	2,179.00	2,428.00	3,148.00

**8E0770-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	
24V AC/DC	US\$	1,112.00	1,116.00	1,150.00	1,377.00	1,475.00	2,002.00	2,251.00	2,971.00
12V AC/DC, 100-240 VAC	US\$	1,205.00	1,209.00	1,243.00	1,470.00	1,568.00	2,094.00	2,343.00	3,063.00

**8E0770-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	
24V AC/DC	US\$	1,361.00	1,365.00	1,399.00	1,634.00	1,732.00	2,313.00	2,562.00	3,282.00
100-240 VAC	US\$	1,444.00	1,448.00	1,482.00	1,711.00	1,809.00	2,392.00	2,641.00	3,361.00
Weight (Lbs)		4.8	5.0	6.4	14.7	17.5	32.8	40.0	57.5

**M8E0770-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB110M
24V AC/DC	US\$	646.00	650.00	684.00	1,023.00	1,121.00	1,796.00	2,045.00	2,765.00
12V AC/DC, 100-240 VAC	US\$	694.00	698.00	732.00	1,083.00	1,181.00	1,841.00	2,090.00	2,810.00

**M8E0770-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	
24V AC/DC	US\$	1,292.00	1,296.00	1,330.00	1,791.00	1,889.00	2,700.00	2,949.00	3,669.00
100-240 VAC	US\$	1,361.00	1,365.00	1,399.00	1,873.00	1,971.00	2,765.00	3,014.00	3,734.00

**M8E0770-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

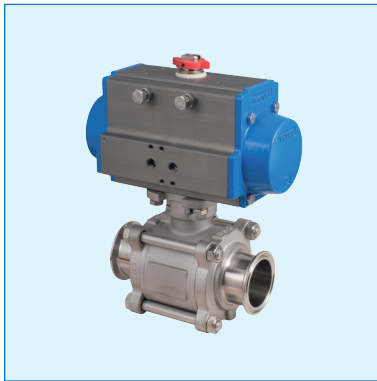
SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	
24V AC/DC	US\$	1,285.00	1,289.00	1,323.00	1,695.00	1,793.00	2,626.00	2,875.00	3,595.00
12V AC/DC, 100-240 VAC	US\$	1,366.00	1,370.00	1,404.00	1,793.00	1,891.00	2,704.00	2,953.00	3,673.00

**M8E0770-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	
24V AC/DC	US\$	1,676.00	1,680.00	1,714.00	1,957.00	2,055.00	2,852.00	3,101.00	3,821.00
100-240 VAC	US\$	1,758.00	1,762.00	1,796.00	2,039.00	2,137.00	2,917.00	3,166.00	3,886.00
Weight (Lbs)		9.1	9.3	10.7	18.2	20.0	36.0	48.0	66.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

771 2-way 3 piece direct mount, stainless steel sanitary connection, cavity filled, full port ball valve.



**8P0771**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA52	DA52	DA52	DA75	DA75	DA85	DA100	DA115
Weight (Lbs)	4.2	4.5	5.5	10.7	15.7	27.4	36.4	57.6
US\$	350.00	353.00	396.00	710.00	864.00	1,412.00	1,903.00	2,890.00



**8P0773**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR63-04	SR63-04	SR75	SR100	SR115	SR125	SR125	SR125
Weight (Lbs)	5.7	6.0	10.3	16.8	24.7	46.1	58.9	111.7
US\$	414.00	417.00	521.00	864.00	1,164.00	1,763.00	2,181.00	3,042.00



SIZE		1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
<b>8E0771-00*</b>									
ACT.		VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	424.00	427.00	482.00	895.00	1,049.00	1,657.00	2,075.00	2,936.00
12V AC/DC, 100-240 VAC	US\$	472.00	475.00	522.00	956.00	1,110.00	1,733.00	2,151.00	3,012.00
<b>8E0771-01*</b>									
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	1,207.00	1,210.00	1,257.00	1,539.00	1,693.00	2,344.00	2,762.00	3,623.00
100-240 VAC	US\$	1,282.00	1,285.00	1,332.00	1,616.00	1,770.00	2,413.00	2,831.00	3,692.00
<b>8E0771-02*</b>									
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB110M
24V AC/DC	US\$	671.00	674.00	721.00	1,110.00	1,264.00	2,030.00	2,448.00	3,309.00
12V AC/DC, 100-240 VAC	US\$	719.00	722.00	769.00	1,170.00	1,324.00	2,075.00	2,493.00	3,354.00
<b>8E0771-04*</b>									
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	1,386.00	1,389.00	1,436.00	1,721.00	1,875.00	2,547.00	2,965.00	3,826.00
100-240 VAC	US\$	1,469.00	1,472.00	1,519.00	1,798.00	1,952.00	2,626.00	3,044.00	3,905.00
Weight (Lbs)		4.8	5.0	6.4	14.7	17.5	32.8	40.0	57.5

SIZE		1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
<b>M8E0771-00*</b>									
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB110M
24V AC/DC	US\$	671.00	674.00	721.00	1,110.00	1,264.00	2,030.00	2,448.00	3,309.00
12V AC/DC, 100-240 VAC	US\$	719.00	722.00	769.00	1,170.00	1,324.00	2,075.00	2,493.00	3,354.00
<b>M8E0771-01*</b>									
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB110M
24V AC/DC	US\$	1,317.00	1,320.00	1,367.00	1,878.00	2,032.00	2,934.00	3,352.00	4,213.00
100-240 VAC	US\$	1,386.00	1,389.00	1,436.00	1,960.00	2,114.00	2,999.00	3,417.00	4,278.00
<b>M8E0771-02*</b>									
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB110M
24V AC/DC	US\$	1,310.00	1,313.00	1,360.00	1,782.00	1,936.00	2,860.00	3,278.00	4,139.00
12V AC/DC, 100-240 VAC	US\$	1,391.00	1,394.00	1,441.00	1,880.00	2,034.00	2,938.00	3,356.00	4,217.00
<b>M8E0771-04*</b>									
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB110M
24V AC/DC	US\$	1,701.00	1,704.00	1,751.00	2,044.00	2,198.00	3,086.00	3,504.00	4,365.00
100-240 VAC	US\$	1,783.00	1,786.00	1,833.00	2,126.00	2,280.00	3,151.00	3,569.00	4,430.00
Weight (Lbs)		9.1	9.3	10.7	17.2	20.0	36.0	48.0	66.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

1300, 2-way 3 piece stainless steel 2,000 psi compression end full port ball valve.



**8P1300**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"
ACT.	DA32	DA32	DA32	DA32
Weight (Lbs)	3.9	3.9	3.9	4.3
Pad/Stem	F03/9	F03/9	F03/9	F03/9
US\$	308.00	317.00	331.00	379.00

**8P1302**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"
ACT.	SR52	SR52	SR52	SR63/F04
Weight (Lbs)	5.4	5.4	5.4	7.2
Pad/Stem	F03/9	F03/9	F03/9	F04/9
US\$	379.00	388.00	402.00	503.00



SIZE	1/4"	3/8"	1/2"	3/4"
<b>8E1300-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.				
ACT.		VB015	VB015	VB015
24V AC/DC	US\$	446.00	455.00	469.00
12V AC/DC, 100-240 VAC	US\$	494.00	503.00	517.00

SIZE	1/4"	3/8"	1/2"	3/4"
<b>8E1300-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.				
ACT.		VB030	VB030	VB030
24V AC/DC	US\$	1,229.00	1,238.00	1,252.00
100-240 VAC	US\$	1,304.00	1,313.00	1,327.00

SIZE	1/4"	3/8"	1/2"	3/4"
<b>8E1300-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.				
24V AC/DC	US\$	1,159.00	1,168.00	1,182.00
12V AC/DC, 100-240 VAC	US\$	1,252.00	1,261.00	1,275.00

SIZE	1/4"	3/8"	1/2"	3/4"
<b>8E1300-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.				
24V AC/DC	US\$	1,408.00	1,417.00	1,431.00
100-240 VAC	US\$	1,491.00	1,500.00	1,514.00
Weight (Lbs)		3.9	3.9	4.3



SIZE	1/4"	3/8"	1/2"	3/4"
<b>M8E1300-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.				
ACT.		VB030M	VB030M	VB030M
24V AC/DC	US\$	693.00	702.00	716.00
12V AC/DC, 100-240 VAC	US\$	741.00	750.00	764.00

SIZE	1/4"	3/8"	1/2"	3/4"
<b>M8E1300-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.				
24V AC/DC	US\$	1,339.00	1,348.00	1,362.00
100-240 VAC	US\$	1,408.00	1,417.00	1,431.00

SIZE	1/4"	3/8"	1/2"	3/4"
<b>M8E1300-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.				
24V AC/DC	US\$	1,332.00	1,341.00	1,355.00
12V AC/DC, 100-240 VAC	US\$	1,413.00	1,422.00	1,436.00

SIZE	1/4"	3/8"	1/2"	3/4"
<b>M8E1300-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.				
24V AC/DC	US\$	1,723.00	1,732.00	1,746.00
100-240 VAC	US\$	1,805.00	1,814.00	1,828.00
Weight (Lbs)		8.2	8.2	8.5

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

355N 3-way direct mount brass, 400 WOG 100 WSP, standard T-port ball valve.



**8P0129 T-Port**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	DA32	DA32	DA32	DA32	DA52	DA52	DA52	DA63	DA63	DA63
Weight (Lbs)	2.4	2.3	2.4	2.6	5.1	6.6	8.5	12.5	19.7	22.9
US\$	199.00	199.00	199.00	208.00	293.00	343.00	423.00	567.00	860.00	857.00



**8P0131 T-Port**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	SR52	SR52	SR52	SR52	SR52	SR52	SR63	SR85	SR85	SR85
Weight (Lbs)	4.0	3.9	4.0	4.2	5.4	7.0	10.1	16.8	25.8	29.1
US\$	270.00	270.00	270.00	279.00	304.00	354.00	470.00	703.00	996.00	993.00



**8E865-00\***

With standard on/off plastic electric actuator.

SIZE	1/4"	3/8"	1/2"	3/4"
ACT.	VB010	VB010	VB010	VB010
Weight (Lbs)	3.4	3.4	3.4	3.6
24V AC/DC	US\$ 285.00	285.00	285.00	295.00
110V AC	US\$ 297.00	297.00	297.00	307.00



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	VB015	VB015	VB015	VB015	VB030	VB030	VB030	VB060	VB060	VB060
24V AC/DC	US\$ 337.00	337.00	337.00	346.00	524.00	574.00	654.00	826.00	1,119.00	1,116.00
12V AC/DC, 100-240 VAC	US\$ 385.00	385.00	385.00	394.00	561.00	611.00	691.00	887.00	1,180.00	1,177.00

**8E065-01\*** With fail-safe battery back-up plastic electric actuator.

ACT.	VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB060
24V AC/DC	US\$ 1,120.00	1,120.00	1,120.00	1,129.00	1,154.00	1,204.00	1,284.00	1,470.00	1,763.00	1,760.00
100-240 VAC	US\$ 1,195.00	1,195.00	1,195.00	1,204.00	1,229.00	1,279.00	1,359.00	1,547.00	1,840.00	1,837.00

**8E065-02\*** With 0-10VDC or 4-20mA positioning plastic electric actuator.

ACT.	VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB060
24V AC/DC	US\$ 1,050.00	1,050.00	1,050.00	1,059.00	1,084.00	1,134.00	1,214.00	1,395.00	1,688.00	1,685.00
12V AC/DC, 100-240 VAC	US\$ 1,143.00	1,143.00	1,143.00	1,152.00	1,177.00	1,227.00	1,307.00	1,488.00	1,781.00	1,778.00

**8E065-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning plastic electric actuator.

ACT.	VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB060
24V AC/DC	US\$ 1,299.00	1,299.00	1,299.00	1,308.00	1,333.00	1,383.00	1,463.00	1,652.00	1,945.00	1,942.00
100-240 VAC	US\$ 1,382.00	1,382.00	1,382.00	1,391.00	1,416.00	1,466.00	1,546.00	1,729.00	2,022.00	2,019.00
Weight (Lbs)	4.3	4.3	4.3	4.5	7.7	9.3	11.1	16.4	23.7	26.9



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB060M
24V AC/DC	US\$ 584.00	584.00	584.00	593.00	618.00	668.00	748.00	1,041.00	1,334.00	1,331.00
12V AC/DC, 100-240 VAC	US\$ 632.00	632.00	632.00	641.00	666.00	716.00	796.00	1,101.00	1,394.00	1,391.00

**8M8E065-01\*** With fail-safe battery back-up metal electric actuator.

ACT.	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB060M
24V AC/DC	US\$ 1,230.00	1,230.00	1,230.00	1,239.00	1,264.00	1,314.00	1,394.00	1,809.00	2,102.00	2,099.00
100-240 VAC	US\$ 1,299.00	1,299.00	1,299.00	1,308.00	1,333.00	1,383.00	1,463.00	1,891.00	2,184.00	2,181.00

**8M8E065-02\*** With 0-10VDC or 4-20mA positioning metal electric actuator.

ACT.	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB060M
24V AC/DC	US\$ 1,223.00	1,223.00	1,223.00	1,232.00	1,257.00	1,307.00	1,387.00	1,713.00	2,006.00	2,003.00
12V AC/DC, 100-240 VAC	US\$ 1,304.00	1,304.00	1,304.00	1,313.00	1,338.00	1,388.00	1,468.00	1,811.00	2,104.00	2,101.00

**8M8E065-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning metal electric actuator.

ACT.	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB060M
24V AC/DC	US\$ 1,614.00	1,614.00	1,614.00	1,623.00	1,648.00	1,698.00	1,778.00	1,975.00	2,268.00	2,265.00
100-240 VAC	US\$ 1,696.00	1,696.00	1,696.00	1,705.00	1,730.00	1,780.00	1,860.00	2,057.00	2,350.00	2,347.00
Weight (Lbs)	8.6	8.6	8.6	8.8	10.2	11.8	13.6	19.0	26.5	30.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC





365N 3-way direct mount brass, 400 WOG 100 WSP, standard L-port ball valve.



**8P0130 L-Port**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	DA32	DA32	DA32	DA32	DA52	DA52	DA52	DA63	DA63	DA63
Weight (Lbs)	2.4	2.3	2.4	2.6	5.1	6.6	8.5	12.5	19.7	22.9
US\$	199.00	199.00	199.00	208.00	293.00	343.00	423.00	567.00	884.00	880.00



**8P0132 L-Port**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	SR52	SR52	SR52	SR52	SR52	SR52	SR63	SR85	SR85	SR85
Weight (Lbs)	4.0	3.9	4.0	4.2	5.4	7.0	10.1	16.8	25.8	29.1
US\$	270.00	270.00	270.00	279.00	304.00	354.00	470.00	703.00	1,020.00	1,016.00



**8E866-00\***

With standard on/off plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"
ACT.		VB010	VB010	VB010	VB010
Weight (Lbs)		3.4	3.4	3.4	3.6
24V AC/DC	US\$	285.00	285.00	285.00	295.00
12-240 VAC	US\$	297.00	297.00	297.00	307.00



**8E066-00\*** With UL approved standard on/off plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.		VB015	VB015	VB015	VB015	VB030	VB030	VB030	VB060	VB060	VB060
24V AC/DC	US\$	337.00	337.00	337.00	346.00	524.00	574.00	654.00	826.00	1,143.00	1,139.00
12V AC/DC, 100-240 VAC	US\$	385.00	385.00	385.00	394.00	561.00	611.00	691.00	887.00	1,204.00	1,200.00

**8E066-01\*** With fail-safe battery back-up plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.		VB030	VB030	VB030	VB030	VB030	VB030	VB030	VB060	VB060	VB060
24V AC/DC	US\$	1,120.00	1,120.00	1,120.00	1,129.00	1,154.00	1,204.00	1,284.00	1,470.00	1,787.00	1,783.00
100-240 VAC	US\$	1,195.00	1,195.00	1,195.00	1,204.00	1,229.00	1,279.00	1,359.00	1,547.00	1,864.00	1,860.00

**8E066-02\*** With 0-10VDC or 4-20mA positioning plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,050.00	1,050.00	1,050.00	1,059.00	1,084.00	1,134.00	1,214.00	1,395.00	1,712.00	1,708.00
12V AC/DC, 100-240 VAC	US\$	1,143.00	1,143.00	1,143.00	1,152.00	1,177.00	1,227.00	1,307.00	1,488.00	1,805.00	1,801.00

**8E066-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning plastic electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,299.00	1,299.00	1,299.00	1,308.00	1,333.00	1,383.00	1,463.00	1,652.00	1,969.00	1,965.00
100-240 VAC	US\$	1,382.00	1,382.00	1,382.00	1,391.00	1,416.00	1,466.00	1,546.00	1,729.00	2,046.00	2,042.00
Weight (Lbs)		4.3	4.3	4.3	4.6	7.8	9.4	11.3	17.7	24.1	27.4

**M8E066-00\*** With UL approved standard on/off metal electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.		VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB060M
24V AC/DC	US\$	584.00	584.00	584.00	593.00	618.00	668.00	748.00	1,041.00	1,358.00	1,354.00
12V AC/DC, 100-240 VAC	US\$	632.00	632.00	632.00	641.00	666.00	716.00	796.00	1,101.00	1,418.00	1,414.00

**M8E066-01\*** With fail-safe battery back-up metal electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,230.00	1,230.00	1,230.00	1,239.00	1,264.00	1,314.00	1,394.00	1,809.00	2,126.00	2,122.00
100-240 VAC	US\$	1,299.00	1,299.00	1,299.00	1,308.00	1,333.00	1,383.00	1,463.00	1,891.00	2,208.00	2,204.00

**M8E066-02\*** With 0-10VDC or 4-20mA positioning metal electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,223.00	1,223.00	1,223.00	1,232.00	1,257.00	1,307.00	1,387.00	1,713.00	2,030.00	2,026.00
12V AC/DC, 100-240 VAC	US\$	1,304.00	1,304.00	1,304.00	1,313.00	1,338.00	1,388.00	1,468.00	1,811.00	2,128.00	2,124.00

**M8E066-04\*** With fail-safe battery back-up and 0-10VDC or 4-20mA positioning metal electric actuator.

SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
24V AC/DC	US\$	1,614.00	1,614.00	1,614.00	1,623.00	1,648.00	1,698.00	1,778.00	1,975.00	2,292.00	2,288.00
100-240 VAC	US\$	1,696.00	1,696.00	1,696.00	1,705.00	1,730.00	1,780.00	1,860.00	2,057.00	2,374.00	2,370.00
Weight (Lbs)		8.6	8.6	8.6	8.8	10.2	11.8	13.6	19.0	26.5	30.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

PVC-BV3T 3-way, direct mount, full T-port ball valve.



**8P3TDAPVC**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA52	DA52	DA52	DA52	DA63	DA63
Weight (Lbs)	3.5	3.8	4.1	4.6	5.8	7.8
US\$	428.00	477.00	522.00	578.00	636.00	696.00



**8P3TSRPVC**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR52	SR52	SR63	SR75	SR75	SR85
Weight (Lbs)	4.0	4.3	5.5	9.0	10.0	15.5
US\$	439.00	488.00	569.00	678.00	733.00	832.00

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>8E3*PVC-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.							
ACT.		VB015	VB015	VB015	VB015	VB030	VB030
24V AC/DC	US\$	506.00	555.00	600.00	656.00	870.00	930.00
12V AC/DC, 100-240 VAC	US\$	554.00	603.00	648.00	704.00	907.00	967.00
<b>8E3*PVC-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.							
ACT.		VB030	VB030	VB030	VB030	VB030	VB030
24V AC/DC	US\$	1,289.00	1,338.00	1,383.00	1,439.00	1,500.00	1,560.00
100-240 VAC	US\$	1,364.00	1,413.00	1,458.00	1,514.00	1,575.00	1,635.00
<b>8E3*PVC-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.							
24V AC/DC	US\$	1,219.00	1,268.00	1,313.00	1,369.00	1,430.00	1,490.00
12V AC/DC, 100-240 VAC	US\$	1,312.00	1,361.00	1,406.00	1,462.00	1,523.00	1,583.00
<b>8E3*PVC-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.							
24V AC/DC	US\$	1,468.00	1,517.00	1,562.00	1,618.00	1,679.00	1,739.00
100-240 VAC	US\$	1,551.00	1,600.00	1,645.00	1,701.00	1,762.00	1,822.00
Weight (Lbs)		6.5	6.8	7.1	7.6	7.6	9.6

\* "L" for L-port, "T" for T-port configuration

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



PVC-BV3T 3-way, direct mount, full L-port ball valve.



**8P3LDAPVC**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA52	DA52	DA52	DA52	DA63	DA63
Weight (Lbs)	3.5	3.8	4.1	4.6	5.8	7.8
US\$	428.00	477.00	522.00	578.00	636.00	696.00



**8P3LSRPVC**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR52	SR52	SR63	SR75	SR75	SR85
Weight (Lbs)	4.0	4.3	5.5	9.0	10.0	15.5
US\$	439.00	488.00	569.00	678.00	733.00	832.00

**8E3\*PVC-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB015	VB015	VB015	VB015	VB030	VB030
24V AC/DC	US\$	506.00	555.00	600.00	656.00	870.00	930.00
12V AC/DC, 100-240 VAC	US\$	554.00	603.00	648.00	704.00	907.00	967.00

**8E3\*PVC-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.		VB030	VB030	VB030	VB030	VB030	VB030
24V AC/DC	US\$	1,289.00	1,338.00	1,383.00	1,439.00	1,500.00	1,560.00
100-240 VAC	US\$	1,364.00	1,413.00	1,458.00	1,514.00	1,575.00	1,635.00

**8E3\*PVC-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,219.00	1,268.00	1,313.00	1,369.00	1,430.00	1,490.00
12V AC/DC, 100-240 VAC	US\$	1,312.00	1,361.00	1,406.00	1,462.00	1,523.00	1,583.00

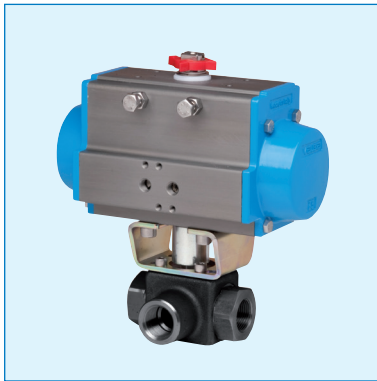
**8E3\*PVC-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
24V AC/DC	US\$	1,468.00	1,517.00	1,562.00	1,618.00	1,679.00	1,739.00
100-240 VAC	US\$	1,551.00	1,600.00	1,645.00	1,701.00	1,762.00	1,822.00
Weight (Lbs)		6.5	6.8	7.1	7.6	7.6	9.6

\* "L" for L-port, "T" for T-port configuration

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

3400 series, 3-way NPT threaded, carbon steel high pressure hydraulic, L-port ball valve.



**8P3400**

With double acting pneumatic actuator.

SIZE	3/8"	1/2"	3/4"	1"
ACT.	DA52	DA52	DA63	DA63
Weight (Lbs)	4.7	5.0	8.0	9.0
Pressure rating	5880 psi	5145 psi	5145 psi	5145 psi
US\$	774.00	792.00	895.00	972.00

**8P3402**

With spring return pneumatic actuator.

SIZE	3/8"	1/2"	3/4"	1"
ACT.	SR75	SR75	SR85	SR100
Weight (Lbs)	9.6	13.2	15.0	21.0
Pressure rating	5880 psi	5145 psi	5145 psi	5145 psi
US\$	889.00	940.00	1,017.00	1,179.00



SIZE		3/8"	1/2"	3/4"	1"
<b>8E3400-00*</b>		With UL approved standard on/off <b>plastic</b> electric actuator.			
ACT.		VB030	VB030	VB030	VB060
24V AC/DC	US\$	1,012.00	1,030.00	1,162.00	1,239.00
12V AC/DC, 100-240 VAC	US\$	1,049.00	1,067.00	1,223.00	1,300.00
<b>8E3400-01*</b>		With fail-safe battery back-up <b>plastic</b> electric actuator.			
24V AC/DC	US\$	1,642.00	1,660.00	1,806.00	1,883.00
100-240 VAC	US\$	1,717.00	1,735.00	1,883.00	1,960.00
<b>8E3400-02*</b>		With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.			
24V AC/DC	US\$	1,572.00	1,590.00	1,731.00	1,808.00
12V AC/DC, 100-240 VAC	US\$	1,665.00	1,683.00	1,824.00	1,901.00
<b>8E3400-04*</b>		With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.			
24V AC/DC	US\$	1,821.00	1,839.00	1,988.00	2,065.00
100-240 VAC	US\$	1,904.00	1,922.00	2,065.00	2,142.00
Weight (Lbs)-Pressure/psi		5.8/7350	6.5/7350	9.8/5880	10.2/5145

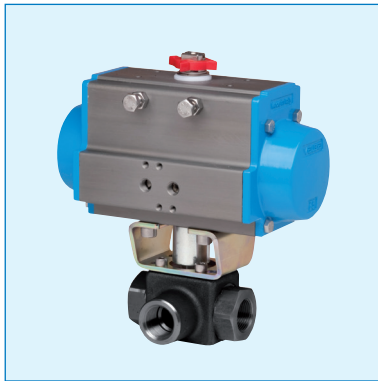


SIZE		3/8"	1/2"	3/4"	1"
<b>M8E3400-00*</b>		With UL approved standard on/off <b>metal</b> electric actuator.			
ACT.		VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$	1,106.00	1,124.00	1,377.00	1,454.00
12V AC/DC, 100-240 VAC	US\$	1,154.00	1,172.00	1,437.00	1,514.00
<b>M8E3400-01*</b>		With fail-safe battery back-up <b>metal</b> electric actuator.			
24V AC/DC	US\$	1,752.00	1,770.00	2,145.00	2,222.00
100-240 VAC	US\$	1,821.00	1,839.00	2,227.00	2,304.00
<b>M8E3400-02*</b>		With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.			
24V AC/DC	US\$	1,745.00	1,763.00	2,049.00	2,126.00
12V AC/DC, 100-240 VAC	US\$	1,826.00	1,844.00	2,147.00	2,224.00
<b>M8E3400-04*</b>		With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.			
24V AC/DC	US\$	2,136.00	2,154.00	2,311.00	2,388.00
100-240 VAC	US\$	2,218.00	2,236.00	2,393.00	2,470.00
Weight (Lbs)-Pressure/psi		8.3/7350	9.0/7350	11.8/5880	12.7/5145

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



3500 series, 3-way, SAE threaded, carbon steel high pressure hydraulic, L-port ball valve.



**8P3500**

With double acting pneumatic actuator.

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
ACT.	DA52	DA52	DA63	DA63
Weight (Lbs)	4.7	5.0	8.0	9.0
Pressure rating	5880 psi	5145 psi	5145 psi	5145 psi
US\$	777.00	797.00	907.00	987.00

**8P3502**

With spring return pneumatic actuator.

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
ACT.	SR75	SR75	SR85	SR100
Weight (Lbs)	9.6	13.2	15.0	21.0
Pressure rating	5880 psi	5145 psi	5145 psi	5145 psi
US\$	892.00	945.00	1,029.00	1,194.00



**8E3500-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
ACT.	VB030	VB030	VB030	VB060
24V AC/DC	US\$ 1,015.00	1,035.00	1,174.00	1,254.00
12V AC/DC, 100-240 VAC	US\$ 1,052.00	1,072.00	1,235.00	1,315.00

**8E3500-01\*** With fail-safe battery back-up **plastic** electric actuator.

24V AC/DC	US\$ 1,645.00	1,665.00	1,818.00	1,898.00
100-240 VAC	US\$ 1,720.00	1,740.00	1,895.00	1,975.00

**8E3500-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

24V AC/DC	US\$ 1,575.00	1,595.00	1,743.00	1,823.00
12V AC/DC, 100-240 VAC	US\$ 1,668.00	1,688.00	1,836.00	1,916.00

**8E3500-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

24V AC/DC	US\$ 1,824.00	1,844.00	2,000.00	2,080.00
100-240 VAC	US\$ 1,907.00	1,927.00	2,077.00	2,157.00
Weight (Lbs)-Pressure/psi	5.8/7350	6.5/7350	9.8/5880	10.2/5145



**M8E3500-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	9/16-18	3/4-16	1-1/16-12	1-5/16-12
ACT.	VB030M	VB030M	VB030M	VB060M
24V AC/DC	US\$ 1,109.00	1,129.00	1,389.00	1,469.00
12V AC/DC, 100-240 VAC	US\$ 1,157.00	1,177.00	1,449.00	1,529.00

**M8E3500-01\*** With fail-safe battery back-up **metal** electric actuator.

24V AC/DC	US\$ 1,755.00	1,775.00	2,157.00	2,237.00
100-240 VAC	US\$ 1,824.00	1,844.00	2,239.00	2,319.00

**M8E3500-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$ 1,748.00	1,768.00	2,061.00	2,141.00
12V AC/DC, 100-240 VAC	US\$ 1,829.00	1,849.00	2,159.00	2,239.00

**M8E3500-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$ 2,139.00	2,159.00	2,323.00	2,403.00
100-240 VAC	US\$ 2,221.00	2,241.00	2,405.00	2,485.00
Weight (Lbs)-Pressure/psi	8.3/7350	9.0/7350	11.8/5880	12.7/5145

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

955N 3-way direct mount stainless steel, 1000/800 WOG, standard T-port ball valve.



**8P0139 T-port**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	DA52	DA52	DA63	DA63	DA75	DA85	DA100	DA115
Weight (Lbs)	4.2	6.5	8.1	12.8	18.9	31.9	35	55
Bracket kit	-	-	-	-	-	-	Bracket	Bracket
US\$	312.00	333.00	404.00	464.00	618.00	800.00	1,437.00	1,770.00

\* Not direct mount



**8P0141 T-port**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	SR63-04	SR63-04	SR75	SR75	SR100	SR100	SR140	SR160
Weight (Lbs)	5.8	10.2	11.8	21.7	25.9	50.7	70	100
Bracket kit	-	-	-	-	-	-	Bracket	Bracket
US\$	376.00	397.00	495.00	555.00	772.00	925.00	1,973.00	2,590.00

\* Not direct mount



SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>8E069-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.									
ACT.		VB015	VB030	VB030	VB060	VB060	VB110	VB190	VB190
24V AC/DC	US\$	390.00	564.00	602.00	723.00	803.00	1,045.00	1,571.00	1,827.00
12V AC/DC, 100-240 VAC	US\$	438.00	601.00	639.00	784.00	864.00	1,121.00	1,661.00	1,917.00
<b>8E069-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.									
ACT.		VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB190
24V AC/DC	US\$	1,173.00	1,194.00	1,232.00	1,367.00	1,447.00	1,732.00	2,323.00	2,579.00
100-240 VAC	US\$	1,248.00	1,269.00	1,307.00	1,444.00	1,524.00	1,801.00	2,397.00	2,653.00
<b>8E069-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,103.00	1,124.00	1,162.00	1,292.00	1,372.00	1,624.00	2,207.00	2,463.00
12V AC/DC, 100-240 VAC	US\$	1,196.00	1,217.00	1,255.00	1,385.00	1,465.00	1,716.00	2,306.00	2,562.00
<b>8E069-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,352.00	1,373.00	1,411.00	1,549.00	1,629.00	1,935.00	2,540.00	2,796.00
100-240 VAC	US\$	1,435.00	1,456.00	1,494.00	1,626.00	1,706.00	2,014.00	2,625.00	2,881.00
Bracket kit		-	-	-	-	-	-	Bracket	Bracket
Weight (Lbs)		4.5	6.7	8.4	11.2	15.3	22.0	33.0	46.0

\* Not direct mount

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>M8E069-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.									
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB190M
24V AC/DC	US\$	637.00	658.00	696.00	938.00	1,018.00	1,418.00	1,971.00	2,227.00
12V AC/DC, 100-240 VAC	US\$	685.00	706.00	744.00	998.00	1,078.00	1,463.00	2,018.00	2,274.00
<b>M8E069-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.									
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB190M
24V AC/DC	US\$	1,283.00	1,304.00	1,342.00	1,706.00	1,786.00	2,322.00	2,919.00	3,175.00
100-240 VAC	US\$	1,352.00	1,373.00	1,411.00	1,788.00	1,868.00	2,387.00	2,987.00	3,243.00
<b>M8E069-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,276.00	1,297.00	1,335.00	1,610.00	1,690.00	2,248.00	2,841.00	3,097.00
12V AC/DC, 100-240 VAC	US\$	1,357.00	1,378.00	1,416.00	1,708.00	1,788.00	2,326.00	2,923.00	3,179.00
<b>M8E069-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,667.00	1,688.00	1,726.00	1,872.00	1,952.00	2,474.00	2,904.00	3,406.00
100-240 VAC	US\$	1,749.00	1,770.00	1,808.00	1,954.00	2,034.00	2,539.00	3,221.00	3,477.00
Bracket kit		-	-	-	-	-	-	Bracket	Bracket
Weight (Lbs)		8.8	9.2	10.9	14.0	18.0	30.0	41.0	54.0

\* Not direct mount

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

956N 3-way direct mount stainless steel, 1000/800 WOG, full T-port ball valve.



**8P0143 T-port**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA52	DA52	DA52	DA63	DA63	DA75	DA85	DA100
Weight (Lbs)	3.7	3.7	4.2	6.5	8.1	12.8	18.9	31.9
US\$	311.00	312.00	331.00	398.00	461.00	636.00	807.00	1,215.00



**8P0145 T-port**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR63-04	SR63-04	SR63-04	SR75	SR75	SR100	SR100	SR125
Weight (Lbs)	5.5	5.4	5.9	10.2	11.8	21.7	25.9	50.7
US\$	375.00	376.00	395.00	490.00	553.00	790.00	932.00	1,493.00



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>8E071-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.									
ACT.		VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	389.00	390.00	562.00	596.00	720.00	821.00	1,052.00	1,409.00
12V AC/DC, 100-240 VAC	US\$	437.00	438.00	599.00	633.00	781.00	882.00	1,128.00	1,499.00

<b>8E071-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.									
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	1,172.00	1,173.00	1,192.00	1,226.00	1,364.00	1,465.00	1,739.00	2,161.00
100-240 VAC	US\$	1,247.00	1,248.00	1,267.00	1,301.00	1,441.00	1,542.00	1,808.00	2,235.00

<b>8E071-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,102.00	1,103.00	1,122.00	1,156.00	1,289.00	1,390.00	1,631.00	2,045.00
12V AC/DC, 100-240 VAC	US\$	1,195.00	1,196.00	1,215.00	1,249.00	1,382.00	1,483.00	1,723.00	2,144.00

<b>8E071-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,351.00	1,352.00	1,371.00	1,405.00	1,546.00	1,647.00	1,942.00	2,378.00
100-240 VAC	US\$	1,434.00	1,435.00	1,454.00	1,488.00	1,623.00	1,724.00	2,021.00	2,463.00
Weight (Lbs)		4.4	4.4	6.7	8.4	11.2	15.3	22.0	31.8

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>M8E071-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.									
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M
24V AC/DC	US\$	636.00	637.00	656.00	690.00	935.00	1,036.00	1,425.00	1,809.00
12V AC/DC, 100-240 VAC	US\$	684.00	685.00	704.00	738.00	995.00	1,096.00	1,470.00	1,856.00

<b>M8E071-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,282.00	1,283.00	1,302.00	1,336.00	1,703.00	1,804.00	2,329.00	2,757.00
100-240 VAC	US\$	1,351.00	1,352.00	1,371.00	1,405.00	1,785.00	1,886.00	2,394.00	2,825.00

<b>M8E071-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,275.00	1,276.00	1,295.00	1,329.00	1,607.00	1,708.00	2,255.00	2,679.00
12V AC/DC, 100-240 VAC	US\$	1,356.00	1,357.00	1,376.00	1,410.00	1,705.00	1,806.00	2,333.00	2,761.00

<b>M8E071-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,666.00	1,667.00	1,686.00	1,720.00	1,869.00	1,970.00	2,481.00	2,988.00
100-240 VAC	US\$	1,748.00	1,749.00	1,768.00	1,802.00	1,951.00	2,052.00	2,546.00	3,059.00
Weight (Lbs)		8.7	8.7	9.2	10.9	14.0	18.0	30.0	40.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

965N 3-way direct mount stainless steel 1000/800 WOG, standard L-port ball valve.



**8P0140 L-port**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	DA52	DA52	DA63	DA63	DA75	DA85	DA100	DA115
Weight (Lbs)	4.2	6.5	8.1	12.8	18.9	31.9	35	55
Bracket kit	-	-	-	-	-	-	Bracket	Bracket
US\$	312.00	333.00	404.00	464.00	618.00	800.00	1,411.00	1,750.00

\* Not direct mount



**8P0142 L-port**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ACT.	SR63-04	SR63-04	SR75	SR75	SR100	SR100	SR140	SR160
Weight (Lbs)	5.9	10.2	11.8	21.7	25.9	50.7	70	100
Bracket kit	-	-	-	-	-	-	Bracket	Bracket
US\$	376.00	397.00	495.00	555.00	772.00	925.00	1,973.00	2,590.00

\* Not direct mount



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
8E070-00* With UL approved standard on/off plastic electric actuator.								
ACT.		VB015	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	390.00	564.00	602.00	723.00	803.00	1,045.00	1,571.00
12V AC/DC, 100-240 VAC	US\$	438.00	601.00	639.00	784.00	864.00	1,121.00	1,661.00

24V AC/DC	US\$	390.00	564.00	602.00	723.00	803.00	1,045.00	1,571.00
12V AC/DC, 100-240 VAC	US\$	438.00	601.00	639.00	784.00	864.00	1,121.00	1,661.00

24V AC/DC	US\$	1,173.00	1,194.00	1,232.00	1,367.00	1,447.00	1,732.00	2,323.00
100-240 VAC	US\$	1,248.00	1,269.00	1,307.00	1,444.00	1,524.00	1,801.00	2,397.00

24V AC/DC	US\$	1,103.00	1,124.00	1,162.00	1,292.00	1,372.00	1,624.00	2,101.00
12V AC/DC, 100-240 VAC	US\$	1,196.00	1,217.00	1,255.00	1,385.00	1,465.00	1,716.00	2,306.00

24V AC/DC	US\$	1,352.00	1,373.00	1,411.00	1,549.00	1,629.00	1,935.00	2,540.00
100-240 VAC	US\$	1,435.00	1,456.00	1,494.00	1,626.00	1,706.00	2,014.00	2,625.00

Bracket kit		-	-	-	-	-	-	Bracket
Weight (Lbs)		4.5	6.7	8.4	11.2	15.3	22.0	33.0

24V AC/DC	US\$	1,352.00	1,373.00	1,411.00	1,549.00	1,629.00	1,935.00	2,540.00
100-240 VAC	US\$	1,435.00	1,456.00	1,494.00	1,626.00	1,706.00	2,014.00	2,625.00

Bracket kit		-	-	-	-	-	-	Bracket
Weight (Lbs)		4.5	6.7	8.4	11.2	15.3	22.0	33.0

\* Not direct mount

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
M8E070-00* With UL approved standard on/off metal electric actuator.								
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M
24V AC/DC	US\$	637.00	658.00	696.00	938.00	1,018.00	1,418.00	1,971.00
12V AC/DC, 100-240 VAC	US\$	685.00	706.00	744.00	998.00	1,078.00	1,463.00	2,018.00

24V AC/DC	US\$	637.00	658.00	696.00	938.00	1,018.00	1,418.00	1,971.00
12V AC/DC, 100-240 VAC	US\$	685.00	706.00	744.00	998.00	1,078.00	1,463.00	2,018.00

24V AC/DC	US\$	1,283.00	1,304.00	1,342.00	1,706.00	1,786.00	2,322.00	2,919.00
100-240 VAC	US\$	1,352.00	1,373.00	1,411.00	1,788.00	1,868.00	2,387.00	2,987.00

24V AC/DC	US\$	1,276.00	1,297.00	1,335.00	1,610.00	1,690.00	2,248.00	2,841.00
12V AC/DC, 100-240 VAC	US\$	1,357.00	1,378.00	1,416.00	1,708.00	1,788.00	2,326.00	2,923.00

24V AC/DC	US\$	1,667.00	1,688.00	1,726.00	1,872.00	1,952.00	2,474.00	2,904.00
100-240 VAC	US\$	1,749.00	1,770.00	1,808.00	1,954.00	2,034.00	2,539.00	3,221.00

Bracket kit		-	-	-	-	-	-	Bracket
Weight (Lbs)		8.8	9.2	10.9	14.0	18.0	30.0	41.0

24V AC/DC	US\$	1,667.00	1,688.00	1,726.00	1,872.00	1,952.00	2,474.00	2,904.00
100-240 VAC	US\$	1,749.00	1,770.00	1,808.00	1,954.00	2,034.00	2,539.00	3,221.00

Bracket kit		-	-	-	-	-	-	Bracket
Weight (Lbs)		8.8	9.2	10.9	14.0	18.0	30.0	41.0

\* Not direct mount

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

966N 3-way direct mount stainless steel 1000/800 WOG, full L-port ball valve.



**8P0144 L-port**

With double acting pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	DA52	DA52	DA52	DA63	DA63	DA75	DA85	DA100
Weight (Lbs)	3.7	3.7	4.1	6.5	8.0	12.7	18.9	31.9
US\$	311.00	312.00	331.00	398.00	461.00	636.00	807.00	1,215.00

**8P0146 L-port**

With spring return pneumatic actuator.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ACT.	SR63-04	SR63-04	SR63-04	SR75	SR75	SR100	SR100	SR125
Weight (Lbs)	5.4	5.4	5.8	10.2	11.7	21.6	25.9	50.7
US\$	375.00	376.00	395.00	490.00	553.00	790.00	932.00	1,493.00



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>8E072-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.									
ACT.		VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	389.00	390.00	562.00	596.00	720.00	821.00	1,052.00	1,409.00
12V AC/DC, 100-240 VAC	US\$	437.00	438.00	599.00	633.00	781.00	882.00	1,128.00	1,499.00

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>8E072-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.									
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	1,172.00	1,173.00	1,192.00	1,226.00	1,364.00	1,465.00	1,739.00	2,161.00
100-240 VAC	US\$	1,247.00	1,248.00	1,267.00	1,301.00	1,441.00	1,542.00	1,808.00	2,235.00

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>8E072-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,102.00	1,103.00	1,122.00	1,156.00	1,289.00	1,390.00	1,631.00	2,045.00
12V AC/DC, 100-240 VAC	US\$	1,195.00	1,196.00	1,215.00	1,249.00	1,382.00	1,483.00	1,723.00	2,144.00

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>8E072-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,351.00	1,352.00	1,371.00	1,405.00	1,546.00	1,647.00	1,942.00	2,378.00
100-240 VAC	US\$	1,434.00	1,435.00	1,454.00	1,488.00	1,623.00	1,724.00	2,021.00	2,463.00
Weight (Lbs)		4.4	4.4	6.7	8.4	11.2	15.3	22.0	31.8



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>M8E072-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.									
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M
24V AC/DC	US\$	636.00	637.00	656.00	690.00	935.00	1,036.00	1,425.00	1,809.00
12V AC/DC, 100-240 VAC	US\$	684.00	685.00	704.00	738.00	995.00	1,096.00	1,470.00	1,856.00

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>M8E072-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,282.00	1,283.00	1,302.00	1,336.00	1,703.00	1,804.00	2,329.00	2,757.00
100-240 VAC	US\$	1,351.00	1,352.00	1,371.00	1,405.00	1,785.00	1,886.00	2,394.00	2,825.00

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>M8E072-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,275.00	1,276.00	1,295.00	1,329.00	1,607.00	1,708.00	2,255.00	2,679.00
12V AC/DC, 100-240 VAC	US\$	1,356.00	1,357.00	1,376.00	1,410.00	1,705.00	1,806.00	2,333.00	2,761.00

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
<b>M8E072-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,666.00	1,667.00	1,686.00	1,720.00	1,869.00	1,970.00	2,481.00	2,988.00
100-240 VAC	US\$	1,748.00	1,749.00	1,768.00	1,802.00	1,951.00	2,052.00	2,546.00	3,059.00
Weight (Lbs)		8.7	8.7	9.2	10.9	14.0	18.0	30.0	40.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



97L 3-way direct mount stainless steel, full L-port ball valve.



**DA97L L-port**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA52	DA63	DA75	DA75	DA85	DA100	DA115	DA115	DA125
Weight (Lbs)	3.90	6.44	11.14	12.37	19.23	25.92	41.95	48.44	81.50
US\$	646.00	782.00	956.00	1,058.00	1,490.00	1,872.00	2,723.00	3,359.00	6,530.00



**SR97L L-port**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR63	SR85	SR115	SR115	SR125	SR140	SR160	SR180	SR200
Weight (Lbs)	5.77	13.36	30.25	31.48	41.67	61.86	87.48	116.89	178.94
US\$	693.00	913.00	1,256.00	1,358.00	1,841.00	2,412.00	3,574.00	4,639.00	8,369.00



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>E97L-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB015	VB030	VB060	VB060	VB110	VB190	VB190	VB270	VB350
24V AC/DC	US\$	724.00	980.00	1,146.00	1,243.00	1,735.00	2,066.00	2,791.00	3,480.00	6,713.00
12V AC/DC, 100-240 VAC	US\$	772.00	1,017.00	1,207.00	1,304.00	1,811.00	2,156.00	2,881.00	3,573.00	6,779.00
<b>E97L-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB060	VB060	VB110	VB190	VB190	VB270	VB350
24V AC/DC	US\$	1,507.00	1,610.00	1,790.00	1,887.00	2,422.00	2,818.00	3,543.00	4,275.00	7,457.00
100-240 VAC	US\$	1,582.00	1,685.00	1,867.00	1,964.00	2,491.00	2,892.00	3,617.00	4,347.00	7,535.00
<b>E97L-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,437.00	1,540.00	1,715.00	1,812.00	2,314.00	2,702.00	3,427.00	4,163.00	7,338.00
12V AC/DC, 100-240 VAC	US\$	1,530.00	1,633.00	1,808.00	1,905.00	2,406.00	2,801.00	3,526.00	4,262.00	7,444.00
<b>E97L-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,686.00	1,789.00	1,972.00	2,069.00	2,625.00	3,035.00	3,760.00	4,507.00	7,705.00
100-240 VAC	US\$	1,769.00	1,872.00	2,049.00	2,146.00	2,704.00	3,120.00	3,845.00	4,590.00	7,793.00
Weight (Lbs)		4.52	7.85	12.3	13.5	21.4	24.6	33.2	42.2	70.9

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>ME97L-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB190M	VB270M	VB350M
24V AC/DC	US\$	971.00	1,074.00	1,361.00	1,458.00	2,108.00	2,466.00	3,191.00	4,205.00	7,380.00
12V AC/DC, 100-240 VAC	US\$	1,019.00	1,122.00	1,421.00	1,518.00	2,153.00	2,513.00	3,238.00	4,258.00	7,437.00
<b>ME97L-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,617.00	1,720.00	2,129.00	2,226.00	3,012.00	3,414.00	4,139.00	5,021.00	8,317.00
100-240 VAC	US\$	1,686.00	1,789.00	2,211.00	2,308.00	3,077.00	3,482.00	4,207.00	5,095.00	8,397.00
<b>ME97L-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,610.00	1,713.00	2,033.00	2,130.00	2,938.00	3,336.00	4,061.00	4,951.00	8,242.00
12V AC/DC, 100-240 VAC	US\$	1,691.00	1,794.00	2,131.00	2,228.00	3,016.00	3,418.00	4,143.00	5,042.00	8,339.00
<b>ME97L-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	2,001.00	2,104.00	2,295.00	2,392.00	3,164.00	3,645.00	4,370.00	5,295.00	8,617.00
100-240 VAC	US\$	2,083.00	2,186.00	2,377.00	2,474.00	3,229.00	3,716.00	4,441.00	5,371.00	8,700.00
Weight (Lbs)		8.8	10.4	15.0	16.2	30.0	33.0	42.0	51.0	80.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

97T 3-way direct mount stainless steel, full T-port ball valve.



**DA97T T-port**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA52	DA63	DA75	DA75	DA85	DA100	DA115	DA115	DA125
Weight (Lbs)	3.90	6.44	11.14	12.37	19.23	25.92	41.95	48.44	81.50
US\$	632.00	766.00	939.00	1,040.00	1,471.00	1,841.00	2,654.00	3,197.00	6,252.00



**SR97T T-port**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR63	SR85	SR115	SR115	SR125	SR140	SR160	SR180	SR200
Weight (Lbs)	5.77	13.36	30.25	31.48	41.67	61.86	87.48	116.69	178.94
US\$	679.00	897.00	1,239.00	1,340.00	1,822.00	2,381.00	3,505.00	4,477.00	8,091.00



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
E97T-00* With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB015	VB030	VB060	VB060	VB110	VB190	VB190	VB270	VB350
24V AC/DC	US\$	710.00	964.00	1,129.00	1,225.00	1,716.00	2,035.00	2,722.00	3,318.00	6,435.00
12V AC/DC, 100-240 VAC	US\$	758.00	1,001.00	1,190.00	1,286.00	1,792.00	2,125.00	2,812.00	3,411.00	6,501.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
E97T-01* With fail-safe battery back-up <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB060	VB060	VB110	VB190	VB190	VB270	VB350
24V AC/DC	US\$	1,493.00	1,594.00	1,773.00	1,869.00	2,403.00	2,787.00	3,474.00	4,113.00	7,179.00
100-240 VAC	US\$	1,568.00	1,669.00	1,850.00	1,946.00	2,472.00	2,861.00	3,548.00	4,185.00	7,257.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
E97T-02* With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,423.00	1,524.00	1,698.00	1,794.00	2,295.00	2,671.00	3,358.00	4,001.00	7,060.00
12V AC/DC, 100-240 VAC	US\$	1,516.00	1,617.00	1,791.00	1,887.00	2,387.00	2,770.00	3,457.00	4,100.00	7,166.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
E97T-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,672.00	1,773.00	1,955.00	2,051.00	2,606.00	3,004.00	3,691.00	4,345.00	7,427.00
100-240 VAC	US\$	1,755.00	1,856.00	2,032.00	2,128.00	2,685.00	3,089.00	3,776.00	4,428.00	7,515.00
Weight (Lbs)		4.52	7.85	12.3	13.5	21.4	24.6	33.2	42.2	70.9

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ME97T-00* With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB190M	VB270M	VB350M
24V AC/DC	US\$	957.00	1,058.00	1,344.00	1,440.00	2,089.00	2,435.00	3,122.00	4,043.00	7,102.00
12V AC/DC, 100-240 VAC	US\$	1,005.00	1,106.00	1,404.00	1,500.00	2,134.00	2,482.00	3,169.00	4,096.00	7,159.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ME97T-01* With fail-safe battery back-up <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,603.00	1,704.00	2,112.00	2,208.00	2,993.00	3,383.00	4,070.00	4,859.00	8,039.00
100-240 VAC	US\$	1,672.00	1,773.00	2,194.00	2,290.00	3,058.00	3,451.00	4,138.00	4,933.00	8,119.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ME97T-02* With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,596.00	1,697.00	2,016.00	2,112.00	2,919.00	3,305.00	3,992.00	4,789.00	7,964.00
12V AC/DC, 100-240 VAC	US\$	1,677.00	1,778.00	2,114.00	2,210.00	2,997.00	3,387.00	4,074.00	4,880.00	8,061.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
ME97T-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,987.00	2,088.00	2,278.00	2,374.00	3,145.00	3,614.00	4,301.00	5,133.00	8,339.00
100-240 VAC	US\$	2,069.00	2,170.00	2,360.00	2,456.00	3,210.00	3,685.00	4,372.00	5,209.00	8,422.00
Weight (Lbs)		8.8	10.4	15.0	16.2	30.0	33.0	42.0	51.0	80.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

97X 4-way direct mount stainless steel, full **double** L-port ball valve.



**DA97X double L-port**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA52	DA63	DA75	DA75	DA85	DA100	DA115	DA115	DA125
Weight (Lbs)	3.90	6.44	11.14	12.37	19.23	25.92	41.95	48.44	81.50
US\$	684.00	822.00	1,011.00	1,127.00	1,583.00	2,000.00	2,956.00	3,741.00	7,220.00



**SR97X double L-port**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR63	SR85	SR115	SR115	SR125	SR140	SR160	SR180	SR200
Weight (Lbs)	5.77	13.36	30.25	31.48	41.67	61.86	87.48	116.89	178.94
US\$	731.00	953.00	1,311.00	1,427.00	1,934.00	2,540.00	3,807.00	5,021.00	9,059.00



**97X-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB015	VB030	VB060	VB060	VB110	VB190	VB190	VB270	VB350
24V AC/DC	US\$	762.00	1,020.00	1,201.00	1,312.00	1,828.00	2,194.00	3,024.00	3,862.00	7,403.00
12V AC/DC, 100-240 VAC	US\$	810.00	1,057.00	1,262.00	1,373.00	1,904.00	2,284.00	3,114.00	3,955.00	7,469.00

**97X-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB030	VB030	VB060	VB060	VB110	VB190	VB190	VB270	VB350
24V AC/DC	US\$	1,545.00	1,650.00	1,845.00	1,956.00	2,515.00	2,946.00	3,776.00	4,657.00	8,147.00
100-240 VAC	US\$	1,620.00	1,725.00	1,922.00	2,033.00	2,584.00	3,020.00	3,850.00	4,729.00	8,225.00

**97X-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,475.00	1,580.00	1,770.00	1,881.00	2,407.00	2,830.00	3,660.00	4,545.00	8,028.00
12V AC/DC, 100-240 VAC	US\$	1,568.00	1,673.00	1,863.00	1,974.00	2,499.00	2,929.00	3,759.00	4,644.00	8,134.00

**97X-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,724.00	1,829.00	2,027.00	2,138.00	2,718.00	3,163.00	3,993.00	4,889.00	8,395.00
100-240 VAC	US\$	1,807.00	1,912.00	2,104.00	2,215.00	2,797.00	3,248.00	4,078.00	4,972.00	8,483.00
Weight (Lbs)		4.52	7.85	12.3	13.5	21.4	24.6	33.2	42.2	70.9

**ME97X-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.		VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB190M	VB270M	VB350M
24V AC/DC	US\$	1,009.00	1,114.00	1,416.00	1,527.00	2,201.00	2,594.00	3,424.00	4,587.00	8,070.00
12V AC/DC, 100-240 VAC	US\$	1,057.00	1,162.00	1,476.00	1,587.00	2,246.00	2,641.00	3,471.00	4,640.00	8,127.00

**ME97X-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,655.00	1,760.00	2,184.00	2,295.00	3,105.00	3,542.00	4,372.00	5,403.00	9,007.00
100-240 VAC	US\$	1,724.00	1,829.00	2,266.00	2,377.00	3,170.00	3,610.00	4,440.00	5,477.00	9,087.00

**ME97X-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	1,648.00	1,753.00	2,088.00	2,199.00	3,031.00	3,464.00	4,294.00	5,333.00	8,932.00
12V AC/DC, 100-240 VAC	US\$	1,729.00	1,834.00	2,186.00	2,297.00	3,109.00	3,546.00	4,376.00	5,424.00	9,029.00

**ME97X-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
24V AC/DC	US\$	2,039.00	2,144.00	2,350.00	2,461.00	3,257.00	3,773.00	4,603.00	5,677.00	9,307.00
100-240 VAC	US\$	2,121.00	2,226.00	2,432.00	2,543.00	3,322.00	3,844.00	4,674.00	5,753.00	9,390.00
Weight (Lbs)		8.8	10.4	15.0	16.2	30.0	33.0	42.0	51.0	80.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



720017 2-way carbon steel, ANSI 150 flanged wafer-style, full port ball valve.



**8P0175**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
ACT.	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100	DA115	DA125
Weight (Lbs)	5.9	8.3	10.4	12.5	13.0	19.9	29.0	35.8	59.2	77.1	160.2
Bracket kit	RI3012	RI3013	RI3001	RI3008	RI3002	RI3009	RI3003	RI3003	RI3004	RI3005	RI3006
US\$	322.00	391.00	415.00	454.00	523.00	636.00	856.00	933.00	1,304.00	1,992.00	2,779.00



**8P0176**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
ACT.	SR52	SR63	SR63	SR63	SR85	SR100	SR115	SR125	SR125	SR140	SR160
Weight (Lbs)	7.6	10.0	12.1	14.4	19.1	28.7	45.5	78.2	110.0	168.0	273.4
Bracket kit	RI3780	RI3014	RI3007	RI3048	RI3009	RI3009	RI3010	RI3010	RI3005	RI3037	RI3039
US\$	391.00	431.00	458.00	496.00	656.00	790.00	1,134.00	1,291.00	1,575.00	2,473.00	3,545.00



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	
8E082-00* With UL approved standard on/off <b>plastic</b> electric actuator.												
ACT.		VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB110	VB190	VB350	VB350
24V AC/DC	US\$	458.00	469.00	646.00	685.00	782.00	824.00	1,101.00	1,178.00	1,498.00	2,254.00	2,962.00
12V AC/DC, 100-240 VAC	US\$	506.00	517.00	683.00	722.00	843.00	885.00	1,177.00	1,254.00	1,588.00	2,320.00	3,028.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	
8E082-01* With fail-safe battery back-up <b>plastic</b> electric actuator.												
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB110	VB190	VB350	VB350
24V AC/DC	US\$	1,241.00	1,252.00	1,276.00	1,315.00	1,426.00	1,468.00	1,788.00	1,865.00	2,250.00	2,998.00	3,706.00
100-240 VAC	US\$	1,316.00	1,327.00	1,351.00	1,390.00	1,503.00	1,545.00	1,857.00	1,934.00	2,324.00	3,076.00	3,784.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	
8E082-02* With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.												
24V AC/DC	US\$	1,171.00	1,182.00	1,206.00	1,245.00	1,351.00	1,393.00	1,680.00	1,757.00	2,134.00	2,879.00	3,587.00
12V AC/DC, 100-240 VAC	US\$	1,264.00	1,275.00	1,299.00	1,338.00	1,444.00	1,486.00	1,772.00	1,849.00	2,233.00	2,985.00	3,693.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	
8E082-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.												
24V AC/DC	US\$	1,420.00	1,431.00	1,455.00	1,494.00	1,608.00	1,650.00	1,991.00	2,068.00	2,467.00	3,246.00	3,954.00
100-240 VAC	US\$	1,503.00	1,514.00	1,538.00	1,577.00	1,685.00	1,727.00	2,070.00	2,147.00	2,552.00	3,334.00	4,042.00
Weight (Lbs)/Bracket kit		6.0/RI3780	10/RI3013	11.8/RI3001	14.1/RI3008	15.3/RI3002	20.0/RI3002	39.1/RI3003	52.2/RI3003	82.2/RI3004	147.5/RI4031	188.1/RI4031

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	
M8E082-00* With UL approved standard on/off <b>metal</b> electric actuator.												
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB350M	VB350M
24V AC/DC	US\$	705.00	716.00	740.00	779.00	997.00	1,039.00	1,474.00	1,551.00	1,898.00	2,921.00	3,629.00
12V AC/DC, 100-240 VAC	US\$	753.00	764.00	788.00	827.00	1,057.00	1,099.00	1,519.00	1,596.00	1,945.00	2,978.00	3,686.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	
M8E082-01* With fail-safe battery back-up <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,351.00	1,362.00	1,386.00	1,425.00	1,765.00	1,807.00	2,378.00	2,455.00	2,846.00	3,858.00	4,566.00
100-240 VAC	US\$	1,420.00	1,431.00	1,455.00	1,494.00	1,847.00	1,889.00	2,443.00	2,520.00	2,914.00	3,938.00	4,646.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	
M8E082-02* With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,344.00	1,355.00	1,379.00	1,418.00	1,669.00	1,711.00	2,304.00	2,381.00	2,768.00	3,783.00	4,491.00
12V AC/DC, 100-240 VAC	US\$	1,425.00	1,436.00	1,460.00	1,499.00	1,767.00	1,809.00	2,382.00	2,459.00	2,850.00	3,880.00	4,588.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	
M8E082-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.												
24V AC/DC	US\$	1,735.00	1,746.00	1,770.00	1,809.00	1,931.00	1,973.00	2,530.00	2,607.00	3,077.00	4,158.00	4,866.00
100-240 VAC	US\$	1,817.00	1,828.00	1,852.00	1,891.00	2,013.00	2,055.00	2,595.00	2,672.00	3,148.00	4,241.00	4,949.00
Weight (Lbs)		10.3/RI3780	12.0/RI3013	14.3/RI3001	17/RI3008	18/RI3002	23/RI3002	47/RI3003	60/RI3003	92/RI3004	156/RI4031	197/RI4031

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

**NEW**

720569 2-way carbon steel ANSI 150 flanged, full port wafer ball valve for fire safe applications



**8P720569**

With double acting pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ACT.	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100	DA115	DA125
Est.Wgt. (Lbs.)	5.9	8.3	10.4	12.5	13.0	19.9	29.0	35.8	59.2	77.1	160.2
Bracket Kit	RI3012	RI3013	RI3001	RI3008	RI3002	RI3009	RI3003	RI3003	RI3004	RI3005	RI3006
US\$	336.00	405.00	432.00	474.00	546.00	663.00	899.00	984.00	1,381.00	2,125.00	2,977.00

**8P720571**

With spring return pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ACT.	SR52	SR63	SR63	SR63	SR85	SR100	SR115	SR125	SR125	SR140	SR160
Est.Wgt. (Lbs.)	7.6	10.0	12.1	14.4	19.1	28.7	45.5	54.8	74.7	136.0	206.3
Bracket Kit	RI3780	RI3014	RI3007	RI3048	RI3009	RI3009	RI3010	RI3010	RI3005	RI3037	RI3039
US\$	405.00	445.00	475.00	516.00	679.00	817.00	1,177.00	1,342.00	1,652.00	2,606.00	3,743.00



SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
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**M8E720569-00\***

with UL approved standard on/off metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB190M	VB350M
24V AC/DC	US\$	719.00	730.00	757.00	799.00	1,020.00	1,066.00	1,517.00	1,602.00	1,975.00	3,054.00	3,827.00
12V AC/DC, 100-240VAC	US\$	767.00	778.00	805.00	847.00	1,080.00	1,126.00	1,562.00	1,647.00	2,022.00	3,111.00	3,884.00

**M8E720569-01\***

with fail-safe battery back-up metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB190M	VB350M
24V AC/DC	US\$	1,365.00	1,376.00	1,403.00	1,445.00	1,788.00	1,834.00	2,421.00	2,506.00	2,923.00	3,991.00	4,764.00
100-240 VAC	US\$	1,434.00	1,445.00	1,472.00	1,514.00	1,870.00	1,916.00	2,486.00	2,571.00	2,991.00	4,071.00	4,844.00

**M8E720569-02\***

with 0-10VDC or 4-20 mA positioning metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB190M	VB350M
24V AC/DC	US\$	1,358.00	1,369.00	1,396.00	1,438.00	1,692.00	1,738.00	2,347.00	2,432.00	2,845.00	3,916.00	4,689.00
12V AC/DC, 100-240VAC	US\$	1,439.00	1,450.00	1,477.00	1,519.00	1,790.00	1,836.00	2,425.00	2,510.00	2,927.00	4,013.00	4,786.00

**M8E720569-04\***

with fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB190M	VB350M
24V AC/DC	US\$	1,749.00	1,760.00	1,787.00	1,829.00	1,954.00	2,000.00	2,573.00	2,658.00	3,154.00	4,291.00	5,064.00
100-240 VAC	US\$	1,831.00	1,842.00	1,869.00	1,911.00	2,036.00	2,082.00	2,638.00	2,723.00	3,225.00	4,374.00	5,147.00
Weight (Lbs)/Bracket Kit		10.3/ RI3780	12/RI3013	14.3/ RI3001	17/RI3008	18/RI3002	23/RI3002	47/RI3003	60/RI3003	92/RI3004	156/ RI4031	197/ RI4031

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



**NEW**

720791 2-way carbon steel ANSI 150 flanged, full port wafer ball valve for steam



**8P720791**

With double acting pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ACT.	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100	DA115	DA125
Est.Wgt. (Lbs.)	5.9	8.3	10.4	12.5	13.0	19.9	29.0	35.8	59.2	77.1	160.2
Bracket Kit	RI3012	RI3013	RI3001	RI3008	RI3002	RI3009	RI3003	RI3003	RI3004	RI3005	RI3006
US\$	335.20	405.00	432.00	474.00	546.00	663.00	866.00	960.00	1,381.00	2,126.00	2,977.00

**8P720793**

With spring return pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ACT.	SR52	SR63	SR63	SR63	SR85	SR100	SR125	SR125	SR125	SR140	SR160
Est.Wgt. (Lbs.)	7.6	10.0	12.1	14.4	19.1	28.7	45.5	54.8	74.7	136.0	206.3
Bracket Kit	RI3780	RI3014	RI3007	RI3048	RI3009	RI3009	RI3010	RI3010	RI3005	RI3037	RI3039
US\$	404.20	445.00	475.00	516.00	679.00	817.00	1,144.00	1,318.00	1,652.00	2,607.00	3,743.00



SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
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M8E720791-00\* with UL approved standard on/off metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB190M	VB350M
24V AC/DC	US\$	718.00	730.00	757.00	759.00	1,020.00	1,066.00	1,484.00	1,578.00	1,975.00	3,055.00	3,827.00
12V AC/DC, 100-240VAC	US\$	766.00	778.00	805.00	807.00	1,080.00	1,126.00	1,529.00	1,623.00	2,022.00	3,111.00	3,884.00

M8E720791-01\* with fail-safe battery back-up metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB190M	VB350M
24V AC/DC	US\$	1,364.00	1,376.00	1,403.00	1,405.00	1,788.00	1,834.00	2,388.00	2,482.00	2,923.00	3,992.00	4,764.00
100-240 VAC	US\$	1,433.00	1,445.00	1,472.00	1,474.00	1,870.00	1,916.00	2,453.00	2,547.00	2,991.00	4,072.00	4,844.00

M8E720791-02\* with 0-10VDC or 4-20 mA positioning metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB190M	VB350M
24V AC/DC	US\$	1,357.00	1,369.00	1,396.00	1,398.00	1,692.00	1,738.00	2,314.00	2,408.00	2,845.00	3,917.00	4,689.00
12V AC/DC, 100-240VAC	US\$	1,438.00	1,450.00	1,477.00	1,479.00	1,790.00	1,836.00	2,392.00	2,486.00	2,927.00	4,014.00	4,786.00

M8E720791-04\* with fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB190M	VB350M
24V AC/DC	US\$	1,748.00	1,760.00	1,787.00	1,789.00	1,954.00	2,000.00	2,540.00	2,634.00	3,154.00	4,292.00	5,064.00
100-240 VAC	US\$	1,830.00	1,842.00	1,869.00	1,871.00	2,036.00	2,082.00	2,605.00	2,699.00	3,225.00	4,375.00	5,147.00
Weight (Lbs)/Bracket Kit		10.3/ RI3780	12/RI3013	14.3/ RI3001	17/RI3008	18/RI3002	23/RI3002	47/RI3003	60/RI3003	92/RI3004	156/ RI4031	197/ RI4031

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



720289 2-way carbon steel, ANSI 300 wafer-style, full port ball valve.



**8P720289**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	DA52	DA63	DA63	DA63	DA75	DA85	DA100	DA100	DA115	DA160
Weight (Lbs)	6.3	9.9	11.0	13.0	21.6	32.0	53.3	68.6	121.2	213.4
Bracket kit	RI3805	RI3806	RI3807	RI3808	RI4244	RI3809	RI3810	RI3810	RI3811	RI3039
US\$	462.00	519.00	527.00	594.00	716.00	933.00	1,288.00	1,392.00	2,070.00	4,094.00



**8P720291**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	SR63	SR85	SR85	SR85	SR100	SR115	SR125	SR125	SR160	SR270
Weight (Lbs)	8.1	16.7	17.8	19.8	30.8	49.6	73.8	88.8	105.6	383.4
Bracket kit	RI3812	RI3813	RI3814	RI3815	RI4244	RI3816	RI3817	RI3817	RI3818	RI3819
US\$	506.00	653.00	659.00	727.00	870.00	1,200.00	1,557.00	1,661.00	2,915.00	7,689.00



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	
<b>8E720289-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	C/F
24V AC/DC	US\$	693.00	698.00	729.00	769.00	904.00	976.00	1,460.00	1,586.00	2,191.00	C/F
12V AC/DC, 100-240 VAC	US\$	730.00	735.00	766.00	806.00	965.00	1,037.00	1,536.00	1,676.00	2,284.00	C/F
<b>8E720289-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	C/F
24V AC/DC	US\$	1,323.00	1,328.00	1,359.00	1,399.00	1,548.00	1,620.00	2,147.00	2,338.00	2,986.00	C/F
100-240 VAC	US\$	1,398.00	1,403.00	1,434.00	1,474.00	1,625.00	1,697.00	2,216.00	2,412.00	3,058.00	C/F
<b>8E720289-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,253.00	1,258.00	1,289.00	1,329.00	1,473.00	1,545.00	2,039.00	2,222.00	2,874.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,346.00	1,351.00	1,382.00	1,422.00	1,566.00	1,638.00	2,131.00	2,321.00	2,973.00	C/F
<b>8E720289-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,502.00	1,507.00	1,538.00	1,578.00	1,730.00	1,802.00	2,350.00	2,555.00	3,218.00	C/F
100-240 VAC	US\$	1,585.00	1,590.00	1,621.00	1,661.00	1,807.00	1,879.00	2,429.00	2,640.00	3,301.00	C/F
Weight (Lbs)/Bracket kit		7.8/RI3805	9.1/RI4041	14.2/RI4042	23.7/RI4043	31.2/RI4245	60.0/RI4044	80.2/RI3810	195.3/RI3810	285.5/RI3811	C/F

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	
<b>M8E720289-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB270M	C/F
24V AC/DC	US\$	787.00	792.00	823.00	863.00	1,119.00	1,191.00	1,833.00	1,986.00	2,916.00	C/F
12V AC/DC, 100-240 VAC	US\$	835.00	840.00	871.00	911.00	1,179.00	1,251.00	1,878.00	2,033.00	2,969.00	C/F
<b>M8E720289-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,433.00	1,438.00	1,469.00	1,509.00	1,887.00	1,959.00	2,737.00	2,934.00	3,732.00	C/F
100-240 VAC	US\$	1,502.00	1,507.00	1,538.00	1,578.00	1,969.00	2,041.00	2,802.00	3,002.00	3,806.00	C/F
<b>M8E720289-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,426.00	1,431.00	1,462.00	1,502.00	1,791.00	1,863.00	2,663.00	2,856.00	3,662.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,507.00	1,512.00	1,543.00	1,583.00	1,889.00	1,961.00	2,741.00	2,938.00	3,753.00	C/F
<b>M8E720289-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,817.00	1,822.00	1,853.00	1,893.00	2,053.00	2,125.00	2,889.00	3,165.00	4,006.00	C/F
100-240 VAC	US\$	1,899.00	1,904.00	1,935.00	1,975.00	2,135.00	2,207.00	2,954.00	3,236.00	4,082.00	C/F
Weight (Lbs)		10.3/RI3805	11.8/RI4041	17/RI4042	26.2/RI4043	33/RI4245	63/RI4044	88/RI3810	203/RI3810	305/RI3811	C/F

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

**NEW**

720744 2-way carbon steel ANSI 300 flanged, full port wafer ball valve for fire safe applications



**8P720744**

With double acting pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
ACT.	DA52	DA63	DA63	DA63	DA75	DA85	DA100	DA100	DA115	DA160
Est.Wgt. (Lbs.)	6.3	9.9	11.0	13.4	21.6	25.4	40.8	52.5	88.2	204.6
Bracket Kit	RI3805	RI3806	RI3807	RI3808	RI4244	RI3809	RI3810	RI3810	RI3811	RI3039
US\$	482.00	542.00	550.00	624.00	749.00	977.00	1,356.00	1,470.00	2,210.00	4,368.00

**8P720746**

With spring return pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
ACT.	SR63	SR85	SR85	SR85	SR100	SR115	SR125	SR125	SR160	SR270
Est.Wgt. (Lbs.)	8.2	16.7	17.8	20.3	31.1	43.0	61.0	72.5	132.3	374.3
Bracket Kit	RI3812	RI3813	RI3814	RI3815	RI4244	RI3816	RI3817	RI3817	RI3818	RI3819
US\$	526.00	676.00	682.00	757.00	903.00	1,244.00	1,625.00	1,739.00	3,055.00	7,963.00



SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
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**M8E720744-00\***

with UL approved standard on/off metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	807.00	815.00	846.00	893.00	1,152.00	1,235.00	1,901.00	2,064.00	3,056.00	-
12V AC/DC, 100-240VAC	US\$	855.00	863.00	894.00	941.00	1,212.00	1,295.00	1,946.00	2,111.00	3,109.00	-

**M8E720744-01\***

with fail-safe battery back-up metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	1,453.00	1,461.00	1,492.00	1,539.00	1,920.00	2,003.00	2,805.00	3,012.00	3,872.00	-
100-240 VAC	US\$	1,522.00	1,530.00	1,561.00	1,608.00	2,002.00	2,085.00	2,870.00	3,080.00	3,946.00	-

**M8E720744-02\***

with 0-10VDC or 4-20 mA positioning metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	1,446.00	1,454.00	1,485.00	1,532.00	1,824.00	1,907.00	2,731.00	2,934.00	3,802.00	-
12V AC/DC, 100-240VAC	US\$	1,527.00	1,535.00	1,566.00	1,613.00	1,922.00	2,005.00	2,809.00	3,016.00	3,893.00	-

**M8E720744-04\***

with fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metal electric actuators

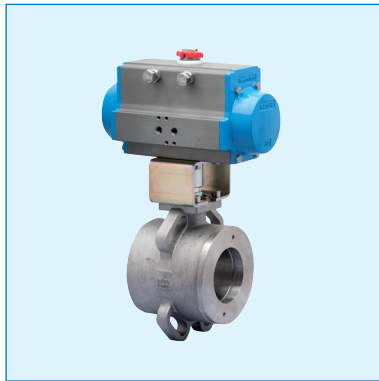
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	1,837.00	1,845.00	1,876.00	1,923.00	2,086.00	2,169.00	2,957.00	3,243.00	4,146.00	-
100-240 VAC	US\$	1,919.00	1,927.00	1,958.00	2,005.00	2,168.00	2,251.00	3,022.00	3,314.00	4,222.00	-
Weight (Lbs)/Bracket Kit		10.3/RI3805	11.8/RI4041	17/RI4042	26.2/RI4043	33/RI4245	63/RI4044	88/RI3810	203/3810	305/RI3811	-

\* VOLTAGE SUFFIX

1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC
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725002 2-way stainless steel, ANSI 150 wafer-style, full port ball valve.

FOR STEAM



**8P725002**

With double acting pneumatic actuator.

SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA52	DA52	DA63	DA75	DA85	DA85	DA100
Weight (Lbs)	7.4	8.1	10.4	16.4	28.8	33.3	49.5
Bracket kit	RI4230	RI4230	RI4231	RI4232	RI4233	RI4233	RI4233
US\$	489.00	521.00	613.00	778.00	1,030.00	1,201.00	1,630.00

**8P725003**

With spring return pneumatic actuator.

SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR63	SR63	SR85	SR100	SR115	SR125	SR125
Weight (Lbs)	9.3	10	17.4	25.8	43.5	55.8	68.4
Bracket kit	RI4234	RI4234	RI4232	RI4232	RI4235	RI4235	RI4235
US\$	534.00	566.00	746.00	932.00	1,294.00	1,545.00	1,901.00



SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>8E725002-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.							
ACT.		VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	720.00	752.00	872.00	966.00	1,275.00	1,824.00
12V AC/DC, 100-240 VAC	US\$	757.00	789.00	933.00	1,027.00	1,351.00	1,914.00

SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>8E725002-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.							
ACT.		VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	1,350.00	1,382.00	1,516.00	1,610.00	1,962.00	2,576.00
100-240 VAC	US\$	1,425.00	1,457.00	1,593.00	1,687.00	2,031.00	2,650.00

SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>8E725002-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.							
24V AC/DC	US\$	1,280.00	1,312.00	1,441.00	1,535.00	1,854.00	2,460.00
12V AC/DC, 100-240 VAC	US\$	1,373.00	1,405.00	1,534.00	1,628.00	1,946.00	2,559.00

SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>8E725002-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.							
24V AC/DC	US\$	1,529.00	1,561.00	1,698.00	1,792.00	2,165.00	2,793.00
100-240 VAC	US\$	1,612.00	1,644.00	1,775.00	1,869.00	2,244.00	2,878.00
Weight (Lbs)/Bracket kit		10.0/RI4230	10.7/RI4230	14.1/RI4231	17.6/RI4231	29.0/RI4233	38.5/RI4233



SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>M8E725002-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.							
ACT.		VB030	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	823.00	854.00	1,100.00	1,198.00	1,670.00	2,242.00
12V AC/DC, 100-240 VAC	US\$	871.00	902.00	1,160.00	1,258.00	1,801.00	2,399.00

SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>M8E725002-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.							
24V AC/DC	US\$	1,469.00	1,500.00	1,868.00	1,966.00	2,574.00	3,190.00
100-240 VAC	US\$	1,538.00	1,569.00	1,950.00	2,048.00	2,639.00	3,258.00

SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>M8E725002-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.							
24V AC/DC	US\$	1,462.00	1,493.00	1,772.00	1,870.00	2,500.00	3,112.00
12V AC/DC, 100-240 VAC	US\$	1,543.00	1,574.00	1,870.00	1,968.00	2,578.00	3,194.00

SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>M8E725002-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.							
24V AC/DC	US\$	1,853.00	1,884.00	2,034.00	2,132.00	2,726.00	3,421.00
100-240 VAC	US\$	1,935.00	1,966.00	2,116.00	2,214.00	2,791.00	3,492.00
Weight (Lbs)/Bracket kit		12.5/RI4230	13.2/RI4230	16.8/RI4231	20.3/RI4231	37/RI4233	47/RI4233

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



720016 2-way 316 stainless steel ANSI 150, flanged wafer-style, full port ball valve.



**8P0173**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
ACT.	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100	DA115	DA125
Weight (Lbs)	5.9	8.3	10.4	12.5	13.0	19.9	29.0	35.8	59.2	77.1	160.2
Bracket kit	RI3012	RI3013	RI3001	RI3008	RI3002	RI3009	RI3003	RI3003	RI3004	RI3005	RI3006
US\$	401.00	494.00	520.00	597.00	685.00	876.00	1,178.00	1,399.00	1,927.00	3,382.00	4,684.00



**8P0174**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
ACT.	SR52	SR63	SR63	SR63	SR85	SR100	SR115	SR125	SR125	SR140	SR160
Weight (Lbs)	7.6	10.0	12.1	14.4	19.1	28.7	45.5	54.8	74.7	136.0	206.3
Bracket kit	RI3780	RI3014	RI3007	RI3048	RI3009	RI3009	RI3010	RI3010	RI3005	RI3037	RI3039
US\$	470.00	534.00	563.00	639.00	818.00	1,030.00	1,456.00	1,757.00	2,198.00	3,863.00	5,450.00



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
8E076-00* With UL approved standard on/off <b>plastic</b> electric actuator.											
ACT.		VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB110	VB190	VB350
24V AC/DC	US\$	537.00	572.00	751.00	828.00	944.00	1,064.00	1,423.00	1,644.00	2,121.00	3,457.00
12V AC/DC, 100-240 VAC	US\$	585.00	620.00	788.00	865.00	1,005.00	1,125.00	1,499.00	1,720.00	2,211.00	3,547.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
8E076-01* With fail-safe battery back-up <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB110	VB190	VB350
24V AC/DC	US\$	1,320.00	1,355.00	1,381.00	1,458.00	1,588.00	1,708.00	2,110.00	2,331.00	2,873.00	4,388.00
100-240 VAC	US\$	1,395.00	1,430.00	1,456.00	1,533.00	1,665.00	1,785.00	2,179.00	2,400.00	2,947.00	4,466.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
8E076-02* With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,250.00	1,285.00	1,311.00	1,388.00	1,513.00	1,633.00	2,002.00	2,223.00	2,757.00	4,269.00
12V AC/DC, 100-240 VAC	US\$	1,343.00	1,378.00	1,404.00	1,481.00	1,606.00	1,726.00	2,094.00	2,315.00	2,856.00	4,375.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
8E076-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,499.00	1,534.00	1,560.00	1,637.00	1,770.00	1,890.00	2,313.00	2,534.00	3,090.00	4,636.00
100-240 VAC	US\$	1,582.00	1,617.00	1,643.00	1,720.00	1,847.00	1,967.00	2,392.00	2,613.00	3,175.00	4,724.00
Weight (Lbs)		6.0/RI3780	7.5/RI3013	11.8/RI3001	14.1/RI3008	15.3/RI3002	20.0/RI3002	39.1/RI3003	52.2/RI3003	82.2/RI3004	147.6/RI4031

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
M8E076-00* With UL approved standard on/off <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB350M
24V AC/DC	US\$	784.00	819.00	845.00	922.00	1,159.00	1,279.00	1,796.00	2,017.00	2,521.00	3,857.00
12V AC/DC, 100-240 VAC	US\$	832.00	867.00	893.00	970.00	1,219.00	1,339.00	1,841.00	2,062.00	2,568.00	3,904.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
M8E076-01* With fail-safe battery back-up <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,430.00	1,465.00	1,491.00	1,568.00	1,927.00	2,047.00	2,700.00	2,921.00	3,469.00	4,805.00
100-240 VAC	US\$	1,499.00	1,534.00	1,560.00	1,637.00	2,009.00	2,129.00	2,765.00	2,986.00	3,537.00	4,873.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
M8E076-02* With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,423.00	1,458.00	1,484.00	1,561.00	1,831.00	1,951.00	2,626.00	2,847.00	3,391.00	4,727.00
12V AC/DC, 100-240 VAC	US\$	1,504.00	1,539.00	1,565.00	1,642.00	1,929.00	2,049.00	2,704.00	2,925.00	3,473.00	4,809.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
M8E076-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,814.00	1,849.00	1,875.00	1,952.00	2,093.00	2,213.00	2,852.00	3,073.00	3,700.00	5,036.00
100-240 VAC	US\$	1,896.00	1,931.00	1,957.00	2,034.00	2,175.00	2,295.00	2,917.00	3,138.00	3,771.00	5,107.00
Weight (Lbs)/Bracket kit		10.3/RI3780	12/RI3013	14.3/RI3001	17/RI3008	18/RI3002	23/RI3002	47/RI3003	60/RI3003	92/RI3004	156/RI4031

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC





**NEW**

720370 2-way stainless steel ANSI 150 flanged, full port wafer ball valve for fire safe applications



**8P720370**

With double acting pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ACT.	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100	DA115	DA125
Est.Wgt. (Lbs.)	5.9	8.3	10.4	12.5	13.0	19.9	29.0	35.8	59.2	77.1	160.2
Bracket Kit	RI3012	RI3013	RI3001	RI3008	RI3002	RI3009	RI3003	RI3003	RI3004	RI3005	RI3006
US\$	422.00	519.00	546.00	631.00	725.00	927.00	1,254.00	1,497.00	2,066.00	3,654.00	5,072.00

**8P720372**

With spring return pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ACT.	SR52	SR63	SR63	SR63	SR85	SR100	SR115	SR125	SR125	SR140	SR160
Est.Wgt. (Lbs.)	7.6	10.0	12.1	14.4	19.1	28.7	45.5	54.8	74.7	136.0	206.3
Bracket Kit	RI3780	RI3014	RI3007	RI3048	RI3009	RI3009	RI3010	RI3010	RI3005	RI3037	RI3039
US\$	491.00	559.00	589.00	673.00	858.00	1,081.00	1,532.00	1,855.00	2,337.00	4,135.00	5,838.00



SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
<b>M8E720370-00*</b> with UL approved standard on/off <b>metal electric</b> actuators											
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB350M
24V AC/DC	US\$	810.00	849.00	876.00	961.00	1,204.00	1,335.00	1,880.00	2,123.00	2,670.00	5,932.00
12V AC/DC, 100-240VAC	US\$	858.00	897.00	924.00	1,009.00	1,264.00	1,395.00	2,011.00	2,254.00	2,827.00	5,989.00

<b>M8E720370-01*</b> with fail-safe battery back-up <b>metal electric</b> actuators											
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,456.00	1,495.00	1,522.00	1,607.00	1,972.00	2,103.00	2,784.00	3,027.00	3,618.00	6,869.00
100-240 VAC	US\$	1,525.00	1,564.00	1,591.00	1,676.00	2,054.00	2,185.00	2,849.00	3,092.00	3,686.00	6,949.00

<b>M8E720370-02*</b> with 0-10VDC or 4-20 mA positioning <b>metal electric</b> actuators											
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,449.00	1,488.00	1,515.00	1,600.00	1,876.00	2,007.00	2,710.00	2,953.00	3,540.00	6,794.00
12V AC/DC, 100-240VAC	US\$	1,530.00	1,569.00	1,596.00	1,681.00	1,974.00	2,105.00	2,788.00	3,031.00	3,622.00	6,891.00

<b>M8E720370-04*</b> with fail-safe battery backup and with 0-10VDC or 4-20 mA positioning <b>metal electric</b> actuators												
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M	VB350M	
24V AC/DC	US\$	1,840.00	1,879.00	1,906.00	1,991.00	2,138.00	2,269.00	2,936.00	3,179.00	3,849.00	7,169.00	
100-240 VAC	US\$	1,922.00	1,961.00	1,988.00	2,073.00	2,220.00	2,351.00	3,001.00	3,244.00	3,920.00	7,252.00	
Weight (Lbs)/Bracket Kit		10.3/ RI3780	12/RI3013	14.3/ RI3001	17/RI3008	18/RI3002	23/RI3002	47/RI3003	60/RI3003	92/RI3004	156/ RI4031	197/ RI4031

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



720288 2-way stainless steel ANSI 300, flanged wafer, full port ball valve.



**8P720288**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	DA52	DA63	DA63	DA63	DA75	DA85	DA100	DA100	DA115	DA160
Weight (Lbs)	6.3	9.9	11.0	13.4	21.6	25.4	40.8	52.5	88.2	204.6
Bracket kit	RI3805	RI3806	RI3807	RI3808	RI4244	RI3809	RI3810	RI3810	RI3811	RI3039
US\$	544.00	638.00	672.00	777.00	1,003.00	1,398.00	2,131.00	2,370.00	3,963.00	8,381.00



**8P720290**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	SR63	SR85	SR85	SR85	SR100	SR115	SR125	SR125	SR160	SR270
Weight (Lbs)	8.2	16.7	17.8	20.3	31.1	43.0	61.0	72.5	132.3	374.3
Bracket kit	RI3812	RI3813	RI3814	RI315	RI4244	RI3816	RI3817	RI3817	RI3818	RI3819
US\$	588.00	772.00	804.00	910.00	1,157.00	1,665.00	2,400.00	2,639.00	4,808.00	11,976.00



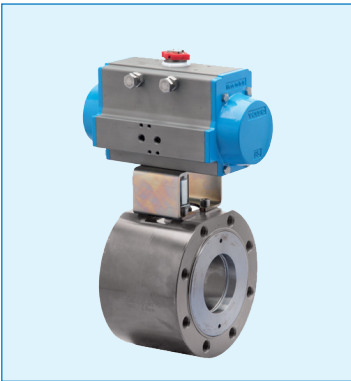
SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	
8E720288-00* With UL approved standard on/off <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	-
24V AC/DC	US\$	775.00	817.00	874.00	952.00	1,191.00	1,441.00	2,303.00	2,564.00	4,084.00	-
12V AC/DC, 100-240 VAC	US\$	812.00	854.00	911.00	989.00	1,252.00	1,502.00	2,379.00	2,654.00	4,177.00	-
8E720288-01* With fail-safe battery back-up <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	-
24V AC/DC	US\$	1,405.00	1,447.00	1,504.00	1,582.00	1,835.00	2,085.00	2,990.00	3,316.00	4,879.00	-
100-240 VAC	US\$	1,480.00	1,522.00	1,579.00	1,657.00	1,912.00	2,162.00	3,059.00	3,390.00	4,951.00	-
8E720288-02* With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,335.00	1,377.00	1,434.00	1,512.00	1,760.00	2,010.00	2,882.00	3,200.00	4,767.00	-
12V AC/DC, 100-240 VAC	US\$	1,428.00	1,470.00	1,527.00	1,605.00	1,853.00	2,103.00	2,974.00	3,299.00	4,866.00	-
8E720288-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,584.00	1,626.00	1,683.00	1,761.00	2,017.00	2,267.00	3,193.00	3,533.00	5,111.00	-
100-240 VAC	US\$	1,667.00	1,709.00	1,766.00	1,844.00	2,094.00	2,344.00	3,272.00	3,618.00	5,194.00	-
Weight (Lbs)/Bracket kit		7.8/RI3805	9.1/RI4041	14.2/RI4042	23.7/RI4043	31.2/RI4245	60.0/RI4044	80.2/RI3810	195.3/RI3810	285.5/RI3811	-

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	
M8E720288-00* With UL approved standard on/off <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB270M	-
24V AC/DC	US\$	869.00	911.00	968.00	1,046.00	1,406.00	1,656.00	2,676.00	2,964.00	4,809.00	-
12V AC/DC, 100-240 VAC	US\$	917.00	959.00	1,016.00	1,094.00	1,466.00	1,716.00	2,721.00	3,011.00	4,862.00	-
M8E720288-01* With fail-safe battery back-up <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,515.00	1,557.00	1,614.00	1,692.00	2,174.00	2,424.00	3,580.00	3,912.00	5,625.00	-
100-240 VAC	US\$	1,584.00	1,626.00	1,683.00	1,761.00	2,256.00	2,506.00	3,645.00	3,980.00	5,699.00	-
M8E720288-02* With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,508.00	1,550.00	1,607.00	1,685.00	2,078.00	2,328.00	3,506.00	3,834.00	5,555.00	-
12V AC/DC, 100-240 VAC	US\$	1,589.00	1,631.00	1,688.00	1,766.00	2,176.00	2,426.00	3,584.00	3,916.00	5,646.00	-
M8E720288-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,899.00	1,941.00	1,998.00	2,076.00	2,340.00	2,590.00	3,732.00	4,143.00	5,899.00	-
100-240 VAC	US\$	1,981.00	2,023.00	2,080.00	2,158.00	2,422.00	2,672.00	3,797.00	4,214.00	5,975.00	-
Weight (Lbs)/Bracket kit		10.3/RI3805	11.8/RI4041	17/RI4042	26.2/RI4043	33/RI4245	63/RI4044	88/RI3810	203/RI3810	305/RI3811	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

**NEW**

720741 2-way stainless steel ANSI 150 flanged, full port wafer ball valve for fire safe applications



**8P720741**

With double acting pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
ACT.	DA52	DA63	DA63	DA63	DA75	DA85	DA100	DA100	DA115	DA160
Est.Wgt. (Lbs.)	6.3	9.9	11.0	13.4	21.6	25.4	40.8	52.5	88.2	204.6
Bracket Kit	RI3805	RI3806	RI3807	RI3808	RI4244	RI3809	RI3810	RI3810	RI3811	RI3039
US\$	572.00	673.00	710.00	824.00	1,066.00	1,489.00	2,282.00	2,545.00	4,292.00	9,084.00

**8P720743**

With spring return pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
ACT.	SR63	SR85	SR85	SR85	SR100	SR115	SR125	SR125	SR160	SR270
Est.Wgt. (Lbs.)	8.2	16.7	17.8	20.3	31.1	43.0	61.0	72.5	132.3	374.3
Bracket Kit	RI3812	RI3813	RI3814	RI3815	RI4244	RI3816	RI3817	RI3817	RI3818	RI3819
US\$	616.00	807.00	842.00	957.00	1,220.00	1,756.00	2,551.00	2,814.00	5,137.00	12,679.00



SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
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**M8E720741-00\***

with UL approved standard on/off metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	897.00	946.00	1,006.00	1,093.00	1,469.00	1,747.00	2,827.00	3,139.00	5,138.00	-
12V AC/DC, 100-240VAC	US\$	945.00	994.00	1,054.00	1,141.00	1,529.00	1,807.00	2,872.00	3,186.00	5,191.00	-

**M8E720741-01\***

with fail-safe battery back-up metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	1,543.00	1,592.00	1,652.00	1,739.00	2,237.00	2,515.00	3,731.00	4,087.00	5,954.00	-
100-240 VAC	US\$	1,612.00	1,661.00	1,721.00	1,808.00	2,319.00	2,597.00	3,796.00	4,155.00	6,028.00	-

**M8E720741-02\***

with 0-10VDC or 4-20 mA positioning metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	1,536.00	1,585.00	1,645.00	1,732.00	2,141.00	2,419.00	3,657.00	4,009.00	5,884.00	-
12V AC/DC, 100-240VAC	US\$	1,617.00	1,666.00	1,726.00	1,813.00	2,239.00	2,517.00	3,735.00	4,091.00	5,975.00	-

**M8E720741-04\***

with fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metal electric actuators

ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	1,927.00	1,976.00	2,036.00	2,123.00	2,403.00	2,681.00	3,883.00	4,318.00	6,228.00	-
100-240 VAC	US\$	2,009.00	2,058.00	2,118.00	2,205.00	2,485.00	2,763.00	3,948.00	4,389.00	6,304.00	-
Weight (Lbs)/Bracket Kit		10.3/RI3805	11.8/RI4041	17/RI4042	26.2/RI4043	33/RI4245	63/RI4044	88/RI3810	203/3810	305/RI3811	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



766001 2-way direct mount carbon steel ANSI 150, flanged, full port ball valve.



**8P766001**

With double acting pneumatic actuator.

SIZE	1"	1 1/2"	2"	3"	4"
ACT.	DA52	DA63	DA75	DA85	DA100
Weight (Lbs)	10.9	19.1	27.4	48.1	65.8
US\$	460.00	596.00	768.00	1,193.00	1,588.00



**8P766003**

With spring return pneumatic actuator.

SIZE	1"	1 1/2"	2"	3"	4"
ACT.	SR63	SR85	SR100	SR125	SR125
Weight (Lbs)	12.8	26.2	36.7	70.6	84.7
US\$	507.00	727.00	922.00	1,545.00	1,866.00



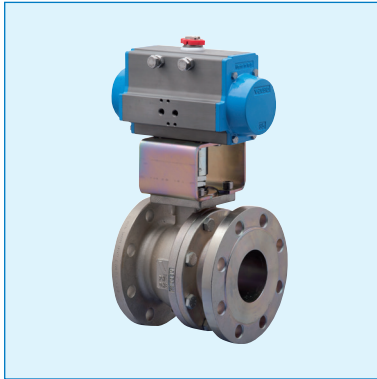
SIZE	1"	1 1/2"	2"	3"	4"
<b>8E766001-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.					
ACT.	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$ 691.00	855.00	958.00	1,438.00	1,782.00
12V AC/DC, 100-240 VAC	US\$ 728.00	916.00	1,019.00	1,514.00	1,872.00
<b>8E766001-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.					
ACT.	VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$ 1,321.00	1,499.00	1,602.00	2,125.00	2,534.00
100-240 VAC	US\$ 1,396.00	1,576.00	1,679.00	2,194.00	2,608.00
<b>8E766001-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.					
24V AC/DC	US\$ 1,251.00	1,424.00	1,527.00	2,017.00	2,418.00
12V AC/DC, 100-240 VAC	US\$ 1,344.00	1,517.00	1,620.00	2,109.00	2,517.00
<b>8E766001-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.					
24V AC/DC	US\$ 1,500.00	1,681.00	1,784.00	2,328.00	2,751.00
100-240 VAC	US\$ 1,583.00	1,758.00	1,861.00	2,407.00	2,836.00
Weight (Lbs)/Bracket kit	11.8	15.3	20.0	52.2	82.2

SIZE	1"	1 1/2"	2"	3"	4"
<b>M8E766001-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.					
ACT.	VB030M	VB060M	VB060M	VB110M	VB190M
24V AC/DC	US\$ 785.00	1,070.00	1,173.00	1,811.00	2,182.00
12V AC/DC, 100-240 VAC	US\$ 833.00	1,130.00	1,233.00	1,942.00	2,339.00
<b>M8E766001-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.					
24V AC/DC	US\$ 1,431.00	1,838.00	1,941.00	2,715.00	3,130.00
100-240 VAC	US\$ 1,500.00	1,920.00	2,023.00	2,780.00	3,198.00
<b>M8E766001-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.					
24V AC/DC	US\$ 1,424.00	1,742.00	1,845.00	2,641.00	3,052.00
12V AC/DC, 100-240 VAC	US\$ 1,505.00	1,840.00	1,943.00	2,719.00	3,134.00
<b>M8E766001-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.					
24V AC/DC	US\$ 1,815.00	2,004.00	2,107.00	2,867.00	3,361.00
100-240 VAC	US\$ 1,897.00	2,086.00	2,189.00	2,932.00	3,432.00
Weight (Lbs)/Bracket kit	14.3	18.0	22.0	61.0	91.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



762000 2-way carbon steel ANSI 150, flanged, full port ball valve.



**8P0179**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.	DA32	DA52	DA52	DA63	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	7.8	10.2	11.0	21.3	31.5	58.5	80.0	136.5	258.2
Bracket kit	RI3518	RI3519	RI3520	RI3521	RI3522	RI3523	RI3552	RI3553	RI3554
US\$	429.00	503.00	549.00	705.00	892.00	1,307.00	1,703.00	3,728.00	6,236.00



**8P0180**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.	SR52	SR63	SR63	SR85	SR100	SR125	SR125	SR160	SR200
Weight (Lbs)	9.3	11.8	14.7	27.4	39.4	77.2	96.5	243.2	323.2
Bracket kit	RI3519	RI3829	RI3525	RI3526	RI3522	RI3528	RI3528	RI3554	RI3554
US\$	498.00	542.00	595.00	838.00	1,046.00	1,657.00	1,978.00	4,492.00	6,752.00



SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	
<b>8E085-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB015	VB015	VB030	VB060	VB060	VB110	VB190	VB350	VB350
24V AC/DC	US\$	565.00	581.00	780.00	964.00	1,098.00	1,552.00	1,873.00	3,911.00	6,176.00
12V AC/DC, 100-240 VAC	US\$	613.00	629.00	817.00	1,025.00	1,159.00	1,628.00	1,963.00	3,977.00	6,242.00
<b>8E085-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB350	VB350
24V AC/DC	US\$	1,348.00	1,364.00	1,410.00	1,608.00	1,742.00	2,239.00	2,625.00	4,655.00	6,920.00
100-240 VAC	US\$	1,423.00	1,439.00	1,485.00	1,685.00	1,819.00	2,308.00	2,699.00	4,733.00	6,998.00
<b>8E085-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,278.00	1,294.00	1,340.00	1,533.00	1,667.00	2,131.00	2,509.00	4,536.00	6,801.00
12V AC/DC, 100-240 VAC	US\$	1,371.00	1,387.00	1,433.00	1,626.00	1,760.00	2,223.00	2,608.00	4,642.00	6,907.00
<b>8E085-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,527.00	1,543.00	1,589.00	1,790.00	1,924.00	2,442.00	2,842.00	4,903.00	7,168.00
100-240 VAC	US\$	1,610.00	1,626.00	1,672.00	1,867.00	2,001.00	2,521.00	2,927.00	4,991.00	7,256.00
Weight (Lbs)/Bracket kit		7.8/RI3519	9.1/RI3519	14.2/RI3520	23.7/RI3521	31.2/RI4039	60.0/RI3523	80.2/RI3522	195.3/RI4040	285.5/RI4040

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	
<b>M8E085-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	VB350M
24V AC/DC	US\$	812.00	828.00	874.00	1,179.00	1,313.00	1,925.00	2,273.00	4,578.00	6,843.00
12V AC/DC, 100-240 VAC	US\$	860.00	876.00	922.00	1,239.00	1,373.00	1,970.00	2,320.00	4,635.00	6,900.00
<b>M8E085-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,458.00	1,474.00	1,520.00	1,947.00	2,081.00	2,829.00	3,221.00	5,515.00	7,780.00
100-240 VAC	US\$	1,527.00	1,543.00	1,589.00	2,029.00	2,163.00	2,894.00	3,289.00	5,595.00	7,860.00
<b>M8E085-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,451.00	1,467.00	1,513.00	1,851.00	1,985.00	2,755.00	3,143.00	5,440.00	7,705.00
12V AC/DC, 100-240 VAC	US\$	1,532.00	1,548.00	1,594.00	1,949.00	2,083.00	2,833.00	3,225.00	5,537.00	7,802.00
<b>M8E085-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,842.00	1,858.00	1,904.00	2,113.00	2,247.00	2,981.00	3,452.00	5,815.00	8,080.00
100-240 VAC	US\$	1,924.00	1,940.00	1,986.00	2,195.00	2,329.00	3,046.00	3,523.00	5,898.00	8,163.00
Weight (Lbs)/Bracket kit		12.3/RI3519	14.4/RI3519	16.7/RI3520	26.5/RI3521	34/RI4039	68/RI3523	88/RI3522	203/RI4040	293/RI4040

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



**NEW**

760137 2-way carbon steel ANSI 150 flanged, full port ball valve for steam.



**8P760137**

With double acting pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"	8"
ACT.	DA32	DA52	DA52	DA63	DA75	DA85	DA100	DA125	DA160
Est.Wgt. (Lbs.)	7.8	10.2	11.0	21.3	31.5	58.5	80.0	136.5	355.8
Bracket Kit	RI3518	RI3519	RI3520	RI3521	RI3522	RI3523	RI3552	RI3553	RI3554
US\$	451.00	526.00	576.00	745.00	943.00	1,392.00	1,818.00	4,020.00	6,752.00

**8P760139**

With spring return pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"	8"
ACT.	SR52	SR63	SR63	SR85	SR100	SR125	SR125	SR160	SR200
Est.Wgt. (Lbs.)	9.3	11.8	14.7	27.4	39.7	77.2	96.5	243.2	323.3
Bracket Kit	RI3519	RI3829	RI3525	RI3526	RI3522	RI3528	RI3528	RI3554	RI4844
US\$	520.00	565.00	622.00	878.00	1,097.00	1,742.00	2,093.00	4,784.00	7,268.00

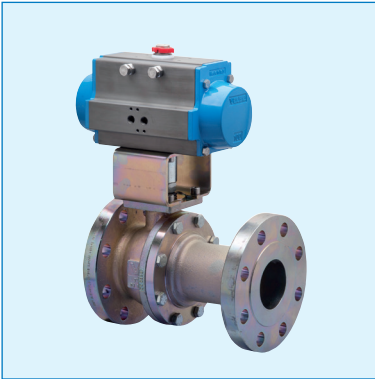


SIZE		1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"	8"
<b>M8E760137-00*</b> with UL approved standard on/off metal electric actuators										
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	VB350M
24V AC/DC	US\$	834.00	851.00	901.00	1,219.00	1,364.00	2,010.00	2,388.00	4,870.00	7,359.00
12V AC/DC, 100-240VAC	US\$	882.00	899.00	949.00	1,279.00	1,424.00	2,055.00	2,435.00	4,927.00	7,416.00
<b>M8E760137-01*</b> with fail-safe battery back-up metal electric actuators										
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	VB350M
24V AC/DC	US\$	1,480.00	1,497.00	1,547.00	1,987.00	2,132.00	2,914.00	3,336.00	5,807.00	8,296.00
100-240 VAC	US\$	1,549.00	1,566.00	1,616.00	2,069.00	2,214.00	2,979.00	3,404.00	5,887.00	8,376.00
<b>M8E7600137-02*</b> with 0-10VDC or 4-20 mA positioning metal electric actuators										
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	VB350M
24V AC/DC	US\$	1,473.00	1,490.00	1,540.00	1,891.00	2,036.00	2,840.00	3,258.00	5,732.00	8,221.00
12V AC/DC, 100-240VAC	US\$	1,554.00	1,571.00	1,621.00	1,989.00	2,134.00	2,918.00	3,340.00	5,829.00	8,318.00
<b>M8E760137-04*</b> with fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metal electric actuators										
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M	VB350M
24V AC/DC	US\$	1,864.00	1,881.00	1,931.00	2,153.00	2,298.00	3,066.00	3,567.00	6,107.00	8,596.00
100-240 VAC	US\$	1,946.00	1,963.00	2,013.00	2,235.00	2,380.00	3,131.00	3,638.00	6,190.00	8,679.00
Weight (Lbs)/Bracket Kit		12.3/RI3519	14.4/RI3519	16.7/RI3520	26.5/RI3521	34.0/RI4039	68/RI3523	88.0/RI3522	203/RI4040	293/RI4040

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



761031 2-way carbon steel, ANSI 300 flanged, full port ball valve.



**8P761031**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"
ACT.	DA52	DA63	DA63	DA75	DA85	DA100	DA115	DA160
Weight (Lbs)	7.5	11.4	16.5	28.2	34.2	71.6	109.9	253.0
Bracket kit	RI3519	RI3829	RI3563	RI3521	RI3522	RI3552	RI3565	RI3554
US\$	517.00	572.00	664.00	868.00	1,001.00	1,619.00	2,141.00	4,994.00



**8P761033**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"
ACT.	SR63	SR85	SR85	SR100	SR115	SR125	SR160	SR270
Weight (Lbs)	10.4	18.3	23.4	37.5	51.6	92.8	155.4	388.0
Bracket kit	RI3829	RI3571	RI3573	RI4117	RI3527	RI3528	RI3997	RI3753
US\$	556.00	706.00	796.00	1,026.00	1,268.00	1,894.00	3,002.00	8,734.00

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
<b>8E761031-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.								
ACT.		VB030	VB030	VB030	VB060	VB060	VB190	VB270
24V AC/DC	US\$	748.00	778.00	861.00	1,059.00	1,178.00	1,813.00	2,262.00
12V AC/DC, 100-240 VAC	US\$	785.00	815.00	898.00	1,120.00	1,239.00	1,903.00	2,355.00

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
<b>8E761031-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.								
ACT.		VB030	VB030	VB030	VB060	VB060	VB190	VB270
24V AC/DC	US\$	1,378.00	1,408.00	1,491.00	1,703.00	1,822.00	2,565.00	3,057.00
100-240 VAC	US\$	1,453.00	1,483.00	1,566.00	1,780.00	1,899.00	2,639.00	3,129.00

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
<b>8E761031-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.								
24V AC/DC	US\$	1,308.00	1,338.00	1,421.00	1,628.00	1,747.00	2,449.00	2,945.00
12V AC/DC, 100-240 VAC	US\$	1,401.00	1,431.00	1,514.00	1,721.00	1,840.00	2,548.00	3,044.00

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
<b>8E761031-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.								
24V AC/DC	US\$	1,557.00	1,587.00	1,670.00	1,885.00	2,004.00	2,782.00	3,289.00
100-240 VAC	US\$	1,640.00	1,670.00	1,753.00	1,962.00	2,081.00	2,867.00	3,372.00
Weight (Lbs)/Bracket kit		6.0/RI3519	7.5/RI3519	11.8/RI4116	15.3/RI3521	20.0/RI4039	52.2/RI3552	82.2/RI3565



SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
<b>M8E761031-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.								
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB190M	VB270M
24V AC/DC	US\$	842.00	872.00	955.00	1,274.00	1,393.00	2,213.00	2,987.00
12V AC/DC, 100-240 VAC	US\$	890.00	920.00	1,003.00	1,334.00	1,453.00	2,260.00	3,040.00

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
<b>M8E761031-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,488.00	1,518.00	1,601.00	2,042.00	2,161.00	3,161.00	3,803.00
100-240 VAC	US\$	1,557.00	1,587.00	1,670.00	2,124.00	2,243.00	3,229.00	3,877.00

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
<b>M8E761031-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,481.00	1,511.00	1,594.00	1,946.00	2,065.00	3,083.00	3,733.00
12V AC/DC, 100-240 VAC	US\$	1,562.00	1,592.00	1,675.00	2,044.00	2,163.00	3,165.00	3,824.00

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
<b>M8E761031-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,872.00	1,902.00	1,985.00	2,208.00	2,327.00	3,392.00	4,153.00
100-240 VAC	US\$	1,954.00	1,984.00	2,067.00	2,290.00	2,409.00	3,463.00	4,153.00
Weight (Lbs)/Bracket kit		8.5/RI3519	10.0/RI3519	14.8/RI4116	18.0/RI3521	23.0/RI4039	61.0/RI3552	91.0/RI3565

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



760150 2-way carbon steel, ANSI 600 flanged, full port ball valve.



**8P760150**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"
ACT.	DA52	DA52	DA63	DA85	DA85	DA125	DA160
Weight (Lbs)	13.6	17.8	25.3	55.7	67.9	141.5	266.9
Bracket kit	RI3519	RI3519	RI3563	RI3526	RI3522	RI3565	RI3997
US\$	1,097.00	1,198.00	1,341.00	1,855.00	2,085.00	3,753.00	6,233.00

**8P760151**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"
ACT.	SR63	SR75	SR85	SR115	SR115	SR160	SR180
Weight (Lbs)	15.5	23	32.5	72.4	84.5	182.7	306.9
Bracket kit	RI3829	RI3571	RI3573	RI4754	RI3227	RI3997	RI4755
US\$	1,136.00	1,318.00	1,473.00	2,161.00	2,352.00	4,533.00	6,917.00



766000 2-way stainless steel direct mount ANSI 150 flanged, full port ball valve.



**8P766000**

With double acting pneumatic actuator.

SIZE	1"	1 1/2"	2"	3"	4"
ACT.	DA52	DA63	DA75	DA85	DA100
Weight (Lbs)	10.9	19.1	27.4	48.1	65.8
US\$	540.00	719.00	942.00	1,540.00	2,088.00



**8P766002**

With spring return pneumatic actuator.

SIZE	1"	1 1/2"	2"	3"	4"
ACT.	SR63	SR85	SR100	SR125	SR125
Weight (Lbs)	12.8	26.2	36.7	70.6	84.7
US\$	587.00	850.00	1,096.00	1,890.00	2,366.00



SIZE	1"	1 1/2"	2"	3"	4"	
<b>8E766000-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.						
ACT.		VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	771.00	978.00	1,132.00	1,784.00	2,282.00
12V AC/DC, 100-240 VAC	US\$	808.00	1,039.00	1,193.00	1,860.00	2,372.00

SIZE	1"	1 1/2"	2"	3"	4"	
<b>8E766000-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.						
ACT.		VB030	VB060	VB060	VB110	VB190
24V AC/DC	US\$	1,401.00	1,622.00	1,776.00	2,471.00	3,034.00
100-240 VAC	US\$	1,476.00	1,699.00	1,853.00	2,540.00	3,108.00

SIZE	1"	1 1/2"	2"	3"	4"	
<b>8E766000-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.						
24V AC/DC	US\$	1,331.00	1,547.00	1,701.00	2,363.00	2,918.00
12V AC/DC, 100-240 VAC	US\$	1,424.00	1,640.00	1,794.00	2,455.00	3,017.00

SIZE	1"	1 1/2"	2"	3"	4"	
<b>8E766000-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.						
24V AC/DC	US\$	1,580.00	1,804.00	1,958.00	2,674.00	3,251.00
100-240 VAC	US\$	1,663.00	1,881.00	2,035.00	2,753.00	3,336.00
Weight (Lbs)		11.8	15.3	20.0	52.2	82.2

SIZE	1"	1 1/2"	2"	3"	4"	
<b>M8E766000-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.						
ACT.		VB030M	VB060M	VB060M	VB110M	VB190M
24V AC/DC	US\$	865.00	1,193.00	1,347.00	2,157.00	2,682.00
12V AC/DC, 100-240 VAC	US\$	913.00	1,253.00	1,407.00	2,288.00	2,839.00

SIZE	1"	1 1/2"	2"	3"	4"	
<b>M8E766000-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.						
24V AC/DC	US\$	1,511.00	1,961.00	2,115.00	3,061.00	3,630.00
100-240 VAC	US\$	1,580.00	2,043.00	2,197.00	3,126.00	3,698.00

SIZE	1"	1 1/2"	2"	3"	4"	
<b>M8E766000-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.						
24V AC/DC	US\$	1,504.00	1,865.00	2,019.00	2,987.00	3,552.00
12V AC/DC, 100-240 VAC	US\$	1,585.00	1,963.00	2,117.00	3,065.00	3,634.00

SIZE	1"	1 1/2"	2"	3"	4"	
<b>M8E766000-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.						
24V AC/DC	US\$	1,895.00	2,127.00	2,281.00	3,213.00	3,861.00
100-240 VAC	US\$	1,977.00	2,209.00	2,363.00	3,278.00	3,932.00
Weight (Lbs)		14.3	18.0	22.7	61.0	91.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



760005 2-way stainless steel ANSI 150 flanged, full port ball valve.



**8P0177**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.	DA32	DA52	DA52	DA63	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	7.8	10.2	11.0	21.3	31.5	58.5	80.0	136.5	355.8
Bracket kit	RI3518	RI3519	RI3520	RI3521	RI3522	RI3523	RI3552	RI3553	RI3554
US\$	489.00	578.00	644.00	881.00	1,197.00	1,931.00	2,538.00	5,340.00	9,702.00



**8P0178**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.	SR52	SR63	SR63	SR85	SR100	SR125	SR125	SR160	SR160
Weight (Lbs)	9.3	11.8	14.7	27.4	39.7	77.2	96.5	243.2	323.3
Bracket kit	RI3519	RI3829	RI3525	RI3526	RI3522	RI3528	RI3528	RI3554	RI4844
US\$	558.00	617.00	690.00	1,014.00	1,351.00	2,281.00	2,813.00	6,104.00	10,218.00



**8E079-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.		VB015	VB015	VB030	VB060	VB060	VB110	VB190	VB350
24V AC/DC	US\$	625.00	656.00	875.00	1,140.00	1,403.00	2,176.00	2,708.00	5,523.00
12V AC/DC, 100-240 VAC	US\$	673.00	704.00	912.00	1,201.00	1,464.00	2,252.00	2,798.00	5,589.00

**8E079-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.		VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB350
24V AC/DC	US\$	1,408.00	1,439.00	1,505.00	1,784.00	2,047.00	2,863.00	3,460.00	6,267.00
100-240 VAC	US\$	1,483.00	1,514.00	1,580.00	1,861.00	2,124.00	2,932.00	3,534.00	6,345.00

**8E079-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.		VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB350
24V AC/DC	US\$	1,338.00	1,369.00	1,435.00	1,709.00	1,972.00	2,755.00	3,344.00	6,148.00
12V AC/DC, 100-240 VAC	US\$	1,431.00	1,462.00	1,528.00	1,802.00	2,065.00	2,847.00	3,443.00	6,254.00

**8E079-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,587.00	1,618.00	1,684.00	1,966.00	2,229.00	3,066.00	3,677.00	6,515.00
100-240 VAC	US\$	1,670.00	1,701.00	1,767.00	2,043.00	2,306.00	3,145.00	3,762.00	6,603.00
Weight (Lbs)/Bracket kit		7.8/RI3519	9.1/RI3519	14.2/RI3520	23.7/RI3521	31.2/RI4039	60.0/RI3523	80.2/RI3522	195.3/RI4040

**M8E079-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M
24V AC/DC	US\$	882.00	914.00	978.00	1,370.00	1,634.00	2,579.00	3,147.00	6,262.00
12V AC/DC, 100-240 VAC	US\$	930.00	962.00	1,026.00	1,430.00	1,694.00	2,710.00	3,304.00	6,319.00

**M8E079-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,528.00	1,560.00	1,624.00	2,138.00	2,402.00	3,483.00	4,095.00	7,199.00
100-240 VAC	US\$	1,597.00	1,629.00	1,693.00	2,220.00	2,484.00	3,548.00	4,163.00	7,279.00

**M8E079-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,521.00	1,553.00	1,617.00	2,042.00	2,306.00	3,409.00	4,017.00	7,124.00
12V AC/DC, 100-240 VAC	US\$	1,602.00	1,634.00	1,698.00	2,140.00	2,404.00	3,487.00	4,099.00	7,221.00

**M8E079-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,912.00	1,944.00	2,008.00	2,304.00	2,568.00	3,635.00	4,326.00	7,499.00
100-240 VAC	US\$	1,994.00	2,026.00	2,090.00	2,386.00	2,650.00	3,700.00	4,397.00	7,582.00
Weight (Lbs)/Bracket kit		12.3/RI3519	14.4/RI3519	16.7/RI3520	26.5/RI3521	34.0/RI4039	68/RI3523	88.0/RI3522	203/RI4040

Steam version available M8E760021

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



**NEW**

760021 2-way stainless steel ANSI 150 flanged, full port ball valve for steam.



**8P760021**

With double acting pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"	8"
ACT.	DA32	DA52	DA52	DA63	DA75	DA85	DA100	DA125	DA160
Est.Wgt. (Lbs.)	7.8	10.2	11.0	21.3	31.5	58.5	80.0	136.5	355.8
Bracket Kit	RI3518	RI3519	RI3520	RI3521	RI3522	RI3523	RI3552	RI3553	RI3554
US\$	516.00	609.00	681.00	939.00	1,278.00	2,079.00	2,736.00	5,794.00	10,565.00

**8P760023**

With spring return pneumatic actuator

SIZE	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"	8"
ACT.	SR52	SR63	SR63	SR85	SR100	SR125	SR125	SR160	SR200
Est.Wgt. (Lbs.)	9.3	11.8	14.7	27.4	39.7	77.2	96.5	243.2	323.3
Bracket Kit	RI3519	RI3829	RI3525	RI3526	RI3522	RI3528	RI3528	RI3554	RI4844
US\$	585.00	648.00	727.00	1,072.00	1,432.00	2,429.00	3,011.00	6,558.00	11,081.00



SIZE	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"	8"
<b>M8E760021-00*</b> with UL approved standard on/off metal electric actuators									
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M
24V AC/DC	US\$	910.00	945.00	1,015.00	1,429.00	1,716.00	2,729.00	3,349.00	6,722.00
12V AC/DC, 100-240VAC	US\$	958.00	993.00	1,063.00	1,489.00	1,776.00	2,860.00	3,506.00	6,779.00

24V AC/DC	US\$	1,556.00	1,591.00	1,661.00	2,197.00	2,484.00	3,633.00	4,297.00	7,659.00
100-240 VAC	US\$	1,625.00	1,660.00	1,730.00	2,279.00	2,566.00	3,698.00	4,365.00	7,739.00

ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,549.00	1,584.00	1,654.00	2,101.00	2,388.00	3,559.00	4,219.00	7,584.00
12V AC/DC, 100-240VAC	US\$	1,630.00	1,665.00	1,735.00	2,199.00	2,486.00	3,637.00	4,301.00	7,681.00

ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,940.00	1,975.00	2,045.00	2,363.00	2,650.00	3,785.00	4,528.00	7,959.00
100-240 VAC	US\$	2,022.00	2,057.00	2,127.00	2,445.00	2,732.00	3,850.00	4,599.00	8,042.00

Weight (Lbs)/Bracket Kit		12.3/RI3519	14.4/RI3519	16.7/RI3520	26.5/RI3521	34.0/RI4039	68/RI3523	88.0/RI3522	203/RI4040
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* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



761030 2-way stainless steel ANSI 300 flanged, full port ball valve.



**8P761030**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"
ACT.	DA52	DA63	DA63	DA75	DA85	DA100	DA115	DA160
Weight (Lbs)	7.5	11.4	16.5	28.2	34.2	71.6	109.9	253.0
Bracket kit	RI3519	RI3829	RI3563	RI3526	RI3522	RI3552	RI3565	RI3554
US\$	595.00	669.00	833.00	1,137.00	1,294.00	2,303.00	3,174.00	7,763.00



**8P761032**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"
ACT.	SR63	SR85	SR85	SR100	SR115	SR125	SR160	SR270
Weight (Lbs)	10.4	18.3	23.4	37.5	51.6	92.8	155.4	388.0
Bracket kit	RI3829	RI3571	RI3573	RI4117	RI3527	RI3528	RI3997	RI3753
US\$	634.00	803.00	965.00	1,292.00	1,561.00	2,578.00	4,035.00	11,503.00



**8E761030-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
ACT.		VB030	VB030	VB030	VB060	VB060	VB190	VB270
24V AC/DC	US\$	826.00	875.00	1,030.00	1,325.00	1,471.00	2,497.00	3,295.00
12V AC/DC, 100-240 VAC	US\$	863.00	912.00	1,067.00	1,386.00	1,532.00	2,587.00	3,388.00

**8E761030-01\*** With fail-safe battery back-up **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
ACT.		VB030	VB030	VB030	VB060	VB060	VB190	VB270
24V AC/DC	US\$	1,456.00	1,505.00	1,660.00	1,969.00	2,115.00	3,249.00	4,090.00
100-240 VAC	US\$	1,531.00	1,580.00	1,735.00	2,046.00	2,192.00	3,323.00	4,162.00

**8E761030-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
24V AC/DC	US\$	1,386.00	1,435.00	1,590.00	1,894.00	2,040.00	3,133.00	3,978.00
12V AC/DC, 100-240 VAC	US\$	1,479.00	1,528.00	1,683.00	1,987.00	2,133.00	3,232.00	4,077.00

**8E761030-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
24V AC/DC	US\$	1,635.00	1,684.00	1,839.00	2,151.00	2,297.00	3,466.00	4,322.00
100-240 VAC	US\$	1,718.00	1,767.00	1,922.00	2,228.00	2,374.00	3,551.00	4,405.00
Weight (Lbs)/Bracket kit		6.0/RI3519	7.5/RI3519	11.8/RI4116	15.3/RI3521	20.0/RI4039	52.2/RI3552	82.2/RI3565

**M8E761030-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
ACT.		VB030M	VB030M	VB030M	VB060M	VB060M	VB190M	VB270M
24V AC/DC	US\$	927.00	978.00	1,135.00	1,559.00	1,703.00	2,927.00	4,075.00
12V AC/DC, 100-240 VAC	US\$	975.00	1,026.00	1,183.00	1,619.00	1,763.00	3,084.00	4,128.00

**M8E761030-01\*** With fail-safe battery back-up **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
24V AC/DC	US\$	1,573.00	1,624.00	1,781.00	2,327.00	2,471.00	3,875.00	4,891.00
100-240 VAC	US\$	1,642.00	1,693.00	1,850.00	2,409.00	2,553.00	3,943.00	4,965.00

**M8E761030-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
24V AC/DC	US\$	1,566.00	1,617.00	1,774.00	2,231.00	2,375.00	3,797.00	4,821.00
12V AC/DC, 100-240 VAC	US\$	1,647.00	1,698.00	1,855.00	2,329.00	2,473.00	3,879.00	4,912.00

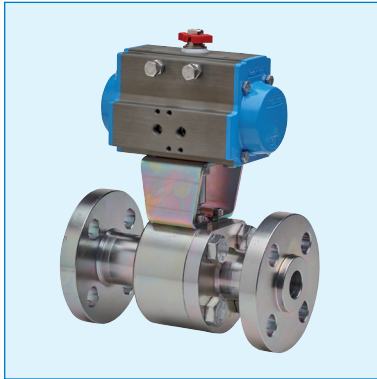
**M8E761030-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	
24V AC/DC	US\$	1,957.00	2,008.00	2,165.00	2,493.00	2,637.00	4,177.00	5,165.00
100-240 VAC	US\$	2,039.00	2,090.00	2,247.00	2,575.00	2,719.00	4,177.00	5,241.00
Weight (Lbs)/Bracket kit		8.5/RI3519	10.0/RI3519	14.3/RI4116	18.0/RI3521	23.0/RI4039	61.0/RI3552	91.0/RI3565

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



760200 2-way stainless steel ANSI 600 flanged, full port ball valve.



**8P760200**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"
ACT.	DA52	DA52	DA63	DA85	DA85	DA125	DA160
Weight (Lbs)	13.6	17.8	25.3	55.7	67.9	141.5	266.9
Bracket kit	RI3519	RI3519	RI3563	RI3526	RI3522	RI3565	RI3997
US\$	1,390.00	1,842.00	2,144.00	3,389.00	3,982.00	7,155.00	15,366.00

**8P760201**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"
ACT.	SR63	SR75	SR85	SR115	SR115	SR160	SR180
Weight (Lbs)	15.5	23	32.5	72.4	84.5	182.7	306.9
Bracket kit	RI3829	RI3571	RI3573	RI4754	RI3527	RI3997	RI4755
US\$	1,429.00	1,962.00	2,276.00	3,695.00	4,249.00	7,935.00	16,050.00



776032 3-way carbon steel, ANSI 150 flanged, L-port diverter, ball valve.



**8P0183 L port**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100	DA125
Weight (Lbs)	8.0	10.2	12.7	17.7	23.3	34.6	53.4	63.2	99.5	236.4
Bracket kit	RI3012	RI3013	RI3001	RI3008	RI3002	RI3009	RI3003	RI3003	RI3004	RI3042
US\$	540.00	606.00	619.00	695.00	820.00	1,011.00	1,366.00	1,656.00	2,277.00	6,211.00



**8P0184 L port**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	SR52	SR63	SR63	SR63	SR85	SR100	SR115	SR125	SR125	SR140
Weight (Lbs)	9.6	12.5	14.5	19.5	29.6	43.4	69.5	83.0	116.0	260.5
Bracket kit	RI3780	RI3014	RI3007	RI3048	RI3009	RI3009	RI3010	RI3010	RI3005	RI4562
US\$	609.00	646.00	662.00	737.00	953.00	1,165.00	1,644.00	2,014.00	2,548.00	6,589.00



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>8E086-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB110	VB190
24V AC/DC	US\$	676.00	684.00	850.00	926.00	1,079.00	1,199.00	1,611.00	1,901.00	2,471.00
12V AC/DC, 100-240 VAC	US\$	724.00	732.00	887.00	963.00	1,140.00	1,260.00	1,687.00	1,977.00	2,561.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>8E086-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB110	VB190
24V AC/DC	US\$	1,459.00	1,467.00	1,480.00	1,556.00	1,723.00	1,843.00	2,298.00	2,588.00	3,223.00
100-240 VAC	US\$	1,534.00	1,542.00	1,555.00	1,631.00	1,800.00	1,920.00	2,367.00	2,657.00	3,297.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>8E086-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,389.00	1,397.00	1,410.00	1,486.00	1,648.00	1,768.00	2,190.00	2,480.00	3,107.00
12V AC/DC, 100-240 VAC	US\$	1,482.00	1,490.00	1,503.00	1,579.00	1,741.00	1,861.00	2,282.00	2,572.00	3,206.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>8E086-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,638.00	1,646.00	1,659.00	1,735.00	1,905.00	2,025.00	2,501.00	2,791.00	3,440.00
100-240 VAC	US\$	1,721.00	1,729.00	1,742.00	1,818.00	1,982.00	2,102.00	2,580.00	2,870.00	3,525.00
Weight (Lbs)/Bracket kit		10.2/RI3780	11.4/RI3013	19.5/RI3001	21.7/RI3008	27.5/RI3002	35.4/RI3002	57.3/RI3003	67.2/RI3003	100.5/RI3004

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>M8E086-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M
24V AC/DC	US\$	938.00	943.00	956.00	1,043.00	1,312.00	1,430.00	2,009.00	2,335.00	2,944.00
12V AC/DC, 100-240 VAC	US\$	986.00	991.00	1,004.00	1,091.00	1,372.00	1,490.00	2,140.00	2,466.00	3,101.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>M8E086-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,584.00	1,589.00	1,602.00	1,689.00	2,080.00	2,198.00	2,913.00	3,239.00	3,892.00
100-240 VAC	US\$	1,653.00	1,658.00	1,671.00	1,758.00	2,162.00	2,280.00	2,978.00	3,304.00	3,960.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>M8E086-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,577.00	1,582.00	1,595.00	1,682.00	1,984.00	2,102.00	2,839.00	3,165.00	3,814.00
12V AC/DC, 100-240 VAC	US\$	1,658.00	1,663.00	1,676.00	1,763.00	2,082.00	2,200.00	2,917.00	3,243.00	3,896.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
<b>M8E086-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,968.00	1,973.00	1,986.00	2,073.00	2,246.00	2,364.00	3,065.00	3,391.00	4,123.00
100-240 VAC	US\$	2,050.00	2,055.00	2,068.00	2,155.00	2,328.00	2,446.00	3,130.00	3,456.00	4,194.00
Weight (Lbs)/Bracket kit		14.5/RI3780	15.6/RI3013	22.0/RI3001	24.3/RI3008	30.2/RI3002	38.2/RI3002	66/RI3003	75/RI3003	109/RI3004

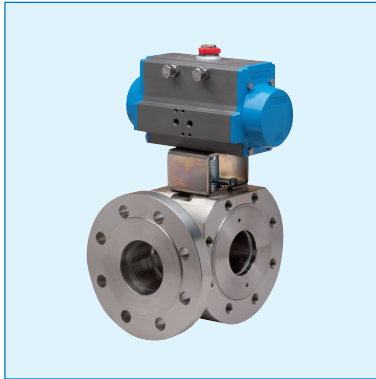
* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

776018 3-way stainless steel , ANSI 150 flanged, L-port diverter ball valve.



**8P0181 L port**

With double acting pneumatic actuator.



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	DA32	DA52	DA52	DA52	DA63	DA75	DA85	DA85	DA100
Weight (Lbs)	8.0	10.2	12.7	17.7	23.3	34.6	53.4	63.2	99.5
Bracket kit	RI3012	RI3013	RI3001	RI3008	RI3002	RI3009	RI3003	RI3003	RI3004
US\$	749.00	848.00	872.00	1,125.00	1,343.00	1,521.00	2,770.00	3,458.00	4,883.00

**8P0182 L port**

With spring return pneumatic actuator.



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ACT.	SR52	SR63	SR63	SR63	SR85	SR100	SR115	SR125	SR125
Weight (Lbs)	9.6	12.5	14.5	19.5	29.6	43.4	69.5	83.0	116.0
Bracket kit	RI3780	RI3014	RI3007	RI3048	RI3009	RI3009	RI3010	RI3010	RI3005
US\$	818.00	888.00	915.00	1,167.00	1,476.00	1,675.00	3,048.00	3,816.00	5,154.00



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
8E077-00* With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB015	VB015	VB030	VB030	VB060	VB060	VB110	VB110	VB190
24V AC/DC	US\$	885.00	926.00	1,103.00	1,356.00	1,602.00	1,709.00	3,015.00	3,703.00	5,077.00
12V AC/DC, 100-240 VAC	US\$	933.00	974.00	1,140.00	1,393.00	1,663.00	1,770.00	3,091.00	3,779.00	5,167.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
8E077-01* With fail-safe battery back-up <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB110	VB190
24V AC/DC	US\$	1,668.00	1,709.00	1,733.00	1,986.00	2,246.00	2,353.00	3,702.00	4,390.00	5,829.00
100-240 VAC	US\$	1,743.00	1,784.00	1,808.00	2,061.00	2,323.00	2,430.00	3,771.00	4,459.00	5,903.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
8E077-02* With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,598.00	1,639.00	1,663.00	1,916.00	2,171.00	2,278.00	3,594.00	4,282.00	5,713.00
12V AC/DC, 100-240 VAC	US\$	1,691.00	1,732.00	1,756.00	2,009.00	2,264.00	2,371.00	3,686.00	4,374.00	5,812.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
8E077-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,847.00	1,888.00	1,912.00	2,165.00	2,428.00	2,535.00	3,905.00	4,593.00	6,046.00
100-240 VAC	US\$	1,930.00	1,971.00	1,995.00	2,248.00	2,505.00	2,612.00	3,984.00	4,672.00	6,131.00
Weight (Lbs)/Bracket kit		10.2/RI3780	11.4/RI3013	19.5/RI3001	21.7/RI3008	27.5/RI3002	35.4/RI3002	57.3/RI3003	67.2/RI3003	100.5/RI3004

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
M8E077-00* With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M
24V AC/DC	US\$	1,145.00	1,199.00	1,219.00	1,470.00	1,842.00	1,944.00	3,430.00	4,125.00	5,586.00
12V AC/DC, 100-240 VAC	US\$	1,193.00	1,247.00	1,267.00	1,518.00	1,902.00	2,004.00	3,561.00	4,256.00	5,743.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
M8E077-01* With fail-safe battery back-up <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,791.00	1,845.00	1,865.00	2,116.00	2,610.00	2,712.00	4,334.00	5,029.00	6,534.00
100-240 VAC	US\$	1,860.00	1,914.00	1,934.00	2,185.00	2,692.00	2,794.00	4,399.00	5,094.00	6,602.00

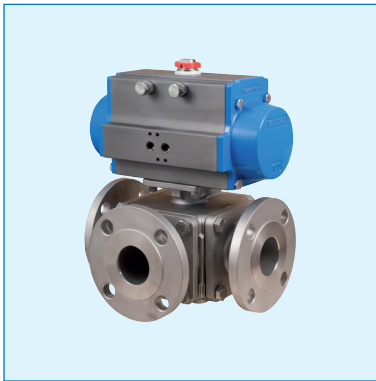
SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
M8E077-02* With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,784.00	1,838.00	1,858.00	2,109.00	2,514.00	2,616.00	4,260.00	4,955.00	6,456.00
12V AC/DC, 100-240 VAC	US\$	1,865.00	1,919.00	1,939.00	2,190.00	2,612.00	2,714.00	4,338.00	5,033.00	6,538.00

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
M8E077-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	2,175.00	2,229.00	2,249.00	2,500.00	2,776.00	2,878.00	4,486.00	5,181.00	6,765.00
100-240 VAC	US\$	2,257.00	2,311.00	2,331.00	2,582.00	2,858.00	2,960.00	4,551.00	5,246.00	6,836.00
Weight (Lbs)/Bracket kit		14.5/RI3780	15.6/RI3013	22.0/RI3001	24.3/RI3008	30.2/RI3002	38.2/RI3002	66/RI3003	75/RI3003	109/RI3004

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



97L150 3-way stainless steel, ANSI 150 flanged, full L-port ball valve.



**DA97L150 L port**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	DA52	DA63	DA75	DA85	DA100	DA115	DA115	DA140	DA160
Weight (Lbs)	8.0	12.00	18.5	41.0	53.0	75.5	91.0	155.0	318.0
US\$	617.00	693.00	1,012.00	1,711.00	2,232.00	3,278.00	4,465.00	6,291.00	13,163.00



**SR97L150 L port**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	SR63	SR75	SR85	SR115	SR140	SR160	SR160	SR200	SR230
Weight (Lbs)	10.0	16.3	24.0	60.0	88.0	122.0	138.0	242.0	410.0
US\$	664.00	785.00	1,074.00	1,982.00	2,814.00	4,129.00	5,316.00	7,557.00	15,754.00

SIZE		1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"
<b>M8E97L150-00*</b>		With UL approved standard on/off <b>metal</b> electric actuator.								
ACT.		VB030M	VB030M	VB060M	VB110M	VB110M	VB270M	VB270M	VB350M	C/F
24V AC/DC	US\$	942.00	985.00	1,417.00	2,329.00	2,777.00	4,124.00	5,311.00	6,887.00	C/F
12V AC/DC, 100-240 VAC	US\$	990.00	1,033.00	1,477.00	2,460.00	2,908.00	4,177.00	5,364.00	6,944.00	C/F
<b>M8E97L150-01*</b>		With fail-safe battery back-up <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,588.00	1,631.00	2,185.00	3,233.00	3,681.00	4,940.00	6,127.00	7,824.00	C/F
100-240 VAC	US\$	1,657.00	1,700.00	2,267.00	3,298.00	3,746.00	5,014.00	6,201.00	7,904.00	C/F
<b>M8E97L150-02*</b>		With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,581.00	1,624.00	2,089.00	3,159.00	3,607.00	4,870.00	6,057.00	7,749.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,657.00	1,700.00	2,182.00	3,232.00	3,680.00	4,953.00	6,140.00	7,836.00	C/F
<b>M8E97L150-04*</b>		With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,972.00	2,015.00	2,351.00	3,385.00	3,833.00	5,214.00	6,401.00	8,124.00	C/F
100-240 VAC	US\$	2,054.00	2,097.00	2,433.00	3,450.00	3,898.00	5,290.00	6,477.00	8,207.00	C/F
Weight (Lbs)		15.5	20.5	28.0	53.0	60.0	77.0	92.0	142.0	296.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

97T150 3-way stainless steel, ANSI 150 flanged, full T-port ball valve.



**DA97T150 T port**

With double acting pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	DA52	DA63	DA75	DA85	DA100	DA115	DA115	DA140	DA160
Weight (Lbs)	8.0	12.00	18.5	41.0	53.0	75.5	91.0	155.0	318.0
US\$	617.00	693.00	1,012.00	1,711.00	2,232.00	3,278.00	4,465.00	6,291.00	13,163.00



**SR97T150 T port**

With spring return pneumatic actuator.

SIZE	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"
ACT.	SR63	SR75	SR85	SR115	SR140	SR160	SR160	SR200	SR230
Weight (Lbs)	10.0	16.3	24.0	60.0	88.0	122.0	138.0	242.0	410.0
US\$	664.00	785.00	1,074.00	1,982.00	2,814.00	4,129.00	5,316.00	7,557.00	15,754.00

SIZE		1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"
<b>M8E97T150-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB060M	VB110M	VB110M	VB270M	VB270M	VB350M	C/F
24V AC/DC	US\$	942.00	985.00	1,417.00	2,329.00	2,777.00	4,124.00	5,311.00	6,887.00	C/F
12V AC/DC, 100-240 VAC	US\$	990.00	1,033.00	1,477.00	2,460.00	2,908.00	4,177.00	5,364.00	6,944.00	C/F
<b>M8E97T150-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,588.00	1,631.00	2,185.00	3,233.00	3,681.00	4,940.00	6,127.00	7,824.00	C/F
100-240 VAC	US\$	1,657.00	1,700.00	2,267.00	3,298.00	3,746.00	5,014.00	6,201.00	7,904.00	C/F
<b>M8E97T150-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,581.00	1,624.00	2,089.00	3,159.00	3,607.00	4,870.00	6,057.00	7,749.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,662.00	1,705.00	2,187.00	3,237.00	3,685.00	4,961.00	6,148.00	7,846.00	C/F
<b>M8E97T150-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,972.00	2,015.00	2,351.00	3,385.00	3,833.00	5,214.00	6,401.00	8,124.00	C/F
100-240 VAC	US\$	2,054.00	2,097.00	2,433.00	3,450.00	3,898.00	5,290.00	6,477.00	8,207.00	C/F
Weight (Lbs)		15.5	20.5	28.0	53.0	60.0	77.0	92.0	142.0	296.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



NSF/ANSI  
61, 372

N500N direct mount, wafer style, EPDM seats, nylon coated ductile iron disc butterfly valve.



**DAN500N**

With double acting pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	7.7	9.3	11.7	16.3	22.8	28.2	46.9	76.1	114.7
US\$	265.00	297.00	339.00	450.00	481.00	541.00	737.00	1,036.00	1,509.00



**SRN500N**

With spring return pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	C/F
SR200	12.4	14.0	17.7	25.2	39.3	62.5	94.1	153.0	C/F
US\$	390.00	422.00	470.00	604.00	781.00	892.00	1,714.00	2,235.00	C/F



SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>EN500N-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350	-
24V AC/DC	US\$	496.00	528.00	537.00	640.00	755.00	808.00	984.00	1,219.00	C/F
12V AC/DC, 100-240 VAC	US\$	533.00	565.00	574.00	701.00	831.00	898.00	1,077.00	1,285.00	C/F
<b>EN500N-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,126.00	1,158.00	1,167.00	1,284.00	1,442.00	1,560.00	1,779.00	1,963.00	C/F
100-240 VAC	US\$	1,201.00	1,233.00	1,242.00	1,361.00	1,511.00	1,634.00	1,851.00	2,041.00	C/F
<b>EN500N-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,056.00	1,088.00	1,097.00	1,209.00	1,334.00	1,444.00	1,667.00	1,844.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,149.00	1,181.00	1,190.00	1,302.00	1,426.00	1,444.00	1,766.00	1,950.00	C/F
<b>EN500N-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,305.00	1,337.00	1,346.00	1,466.00	1,645.00	1,777.00	2,011.00	2,211.00	C/F
100-240 VAC	US\$	1,388.00	1,420.00	1,429.00	1,543.00	1,724.00	1,862.00	2,094.00	2,299.00	C/F
Weight (Lbs)		10.6	12.2	13.5	18.1	22.7	28.0	39.9	55.5	-

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>MEN500N-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	EA450M
24V AC/DC	US\$	595.00	630.00	639.00	865.00	1,138.00	1,218.00	1,729.00	1,906.00	C/F
12V AC/DC, 100-240 VAC	US\$	643.00	678.00	687.00	925.00	1,269.00	1,375.00	1,782.00	1,963.00	C/F
<b>MEN500N-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	1,241.00	1,276.00	1,285.00	1,633.00	2,042.00	2,166.00	2,545.00	2,843.00	C/F
100-240 VAC	US\$	1,310.00	1,345.00	1,354.00	1,715.00	2,107.00	2,234.00	2,619.00	2,923.00	C/F
<b>MEN500N-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,234.00	1,269.00	1,278.00	1,537.00	1,968.00	2,088.00	2,475.00	2,768.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,315.00	1,350.00	1,359.00	1,635.00	2,046.00	2,170.00	2,566.00	2,865.00	C/F
<b>MEN500N-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,625.00	1,660.00	1,669.00	1,799.00	2,194.00	2,397.00	2,819.00	3,143.00	C/F
100-240 VAC	US\$	1,707.00	1,742.00	1,751.00	1,881.00	2,259.00	2,468.00	2,895.00	3,226.00	C/F
Weight (Lbs)		14.8	16.4	17.7	22.0	31.0	36.0	50.0	65.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC





N500S direct mount, wafer style, **EPDM seats, stainless steel disc** butterfly valve.



**DAN500S**

With double acting pneumatic actuator.

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	7.0	7.7	9.3	11.7	16.3	22.8	28.2	46.9	76.1	114.7
US\$	268.00	269.00	304.00	347.00	468.00	507.00	583.00	832.00	1,216.00	1,819.00



**SRN500S**

With spring return pneumatic actuator.

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	C/F
SR200	11.7	12.4	14.0	17.7	25.2	39.3	62.5	94.1	153.0	C/F
US\$	393.00	394.00	429.00	478.00	622.00	807.00	934.00	1,809.00	2,415.00	C/F



**EN500S-00\*** With UL approved standard on/off **plastic** electric actuator.

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		VB030	VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350
24V AC/DC	US\$	499.00	500.00	535.00	545.00	658.00	781.00	850.00	1,079.00	1,399.00
12V AC/DC, 100-240 VAC	US\$	536.00	537.00	572.00	582.00	719.00	857.00	940.00	1,172.00	1,465.00

**EN500S-01\*** With fail-safe battery back-up **plastic** electric actuator.

24V AC/DC	US\$	1,129.00	1,130.00	1,165.00	1,175.00	1,302.00	1,468.00	1,602.00	1,874.00	2,143.00
100-240 VAC	US\$	1,204.00	1,205.00	1,240.00	1,250.00	1,379.00	1,537.00	1,676.00	1,946.00	2,221.00

**EN500S-02\*** With 0-10VDC or 4-20mA positioning **plastic** electric actuator.

24V AC/DC	US\$	1,059.00	1,060.00	1,095.00	1,105.00	1,227.00	1,360.00	1,486.00	1,762.00	2,024.00
12V AC/DC, 100-240 VAC	US\$	1,152.00	1,153.00	1,188.00	1,198.00	1,320.00	1,452.00	1,486.00	1,861.00	2,130.00

**EN500S-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **plastic** electric actuator.

24V AC/DC	US\$	1,308.00	1,309.00	1,344.00	1,354.00	1,484.00	1,671.00	1,819.00	2,106.00	2,391.00
100-240 VAC	US\$	1,391.00	1,392.00	1,427.00	1,437.00	1,561.00	1,750.00	1,904.00	2,189.00	2,479.00
Weight (Lbs)		9.9	10.6	12.2	13.5	18.1	22.7	28.0	39.9	55.5

**MEN500S-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M
24V AC/DC	US\$	598.00	599.00	637.00	647.00	883.00	1,164.00	1,260.00	1,824.00	2,086.00
12V AC/DC, 100-240 VAC	US\$	646.00	647.00	685.00	695.00	943.00	1,295.00	1,417.00	1,877.00	2,143.00

**MEN500S-01\*** With fail-safe battery back-up **metal** electric actuator.

24V AC/DC	US\$	1,244.00	1,245.00	1,283.00	1,293.00	1,651.00	2,068.00	2,208.00	2,640.00	3,023.00
100-240 VAC	US\$	1,313.00	1,314.00	1,352.00	1,362.00	1,733.00	2,133.00	2,276.00	2,714.00	3,103.00

**MEN500S-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	1,237.00	1,238.00	1,276.00	1,286.00	1,555.00	1,994.00	2,130.00	2,570.00	2,948.00
12V AC/DC, 100-240 VAC	US\$	1,318.00	1,319.00	1,357.00	1,367.00	1,653.00	2,072.00	2,212.00	2,661.00	3,045.00

**MEN500S-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	1,628.00	1,629.00	1,667.00	1,677.00	1,817.00	2,220.00	2,439.00	2,914.00	3,323.00
100-240 VAC	US\$	1,710.00	1,711.00	1,749.00	1,759.00	1,899.00	2,285.00	2,510.00	2,990.00	3,406.00
Weight (Lbs)		14.2	14.9	16.5	17.8	22.0	31.0	36.0	48.0	64.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

530S direct mount, wafer style, **VITON seats, stainless steel disc** butterfly valve.



**DA530S**

With double acting pneumatic actuator.

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	7.0	7.7	9.3	11.7	16.3	22.8	28.2	46.9	76.1	114.7
US\$	352.00	354.00	415.00	463.00	643.00	760.00	882.00	1,193.00	1,773.00	2,452.00



**SR530S**

With spring return pneumatic actuator.

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	-
SR200	11.7	12.4	14.0	17.7	25.2	39.3	62.5	94.1	153.0	-
US\$	477.00	479.00	540.00	594.00	797.00	1,060.00	1,233.00	2,170.00	2,972.00	C/F



SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
<b>E530S-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350
24V AC/DC	US\$	583.00	585.00	646.00	661.00	833.00	1,034.00	1,149.00	1,440.00	1,956.00
12V AC/DC, 100-240 VAC	US\$	620.00	622.00	683.00	698.00	894.00	1,110.00	1,239.00	1,533.00	2,022.00
<b>E530S-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,213.00	1,215.00	1,276.00	1,291.00	1,477.00	1,721.00	1,901.00	2,235.00	2,700.00
100-240 VAC	US\$	1,288.00	1,290.00	1,351.00	1,366.00	1,554.00	1,790.00	1,975.00	2,307.00	2,778.00
<b>E530S-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,143.00	1,145.00	1,206.00	1,221.00	1,402.00	1,613.00	1,785.00	2,123.00	2,581.00
12V AC/DC, 100-240 VAC	US\$	1,236.00	1,238.00	1,299.00	1,314.00	1,495.00	1,705.00	1,785.00	2,222.00	2,687.00
<b>E530S-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,392.00	1,394.00	1,455.00	1,470.00	1,659.00	1,924.00	2,118.00	2,467.00	2,948.00
100-240 VAC	US\$	1,475.00	1,477.00	1,538.00	1,553.00	1,736.00	2,003.00	2,203.00	2,550.00	3,036.00
Weight (Lbs)		9.9	10.6	12.2	13.5	18.1	22.7	28.0	39.9	55.5

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
<b>ME530S-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M
24V AC/DC	US\$	682.00	684.00	748.00	763.00	1,058.00	1,417.00	1,559.00	2,185.00	2,643.00
12V AC/DC, 100-240 VAC	US\$	730.00	732.00	796.00	811.00	1,118.00	1,548.00	1,716.00	2,238.00	2,700.00
<b>ME530S-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M
24V AC/DC	US\$	1,328.00	1,330.00	1,394.00	1,409.00	1,826.00	2,321.00	2,507.00	3,001.00	3,580.00
100-240 VAC	US\$	1,397.00	1,399.00	1,463.00	1,478.00	1,908.00	2,386.00	2,575.00	3,075.00	3,660.00
<b>ME530S-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,321.00	1,323.00	1,387.00	1,402.00	1,730.00	2,247.00	2,429.00	2,931.00	3,505.00
12V AC/DC, 100-240 VAC	US\$	1,402.00	1,404.00	1,468.00	1,483.00	1,828.00	2,325.00	2,511.00	3,022.00	3,602.00
<b>ME530S-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,712.00	1,714.00	1,778.00	1,793.00	1,992.00	2,473.00	2,738.00	3,275.00	3,880.00
100-240 VAC	US\$	1,794.00	1,796.00	1,860.00	1,875.00	2,074.00	2,538.00	2,809.00	3,351.00	3,963.00
Weight (Lbs)		14.2	14.9	16.5	17.8	22.0	31.0	36.0	48.0	64.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



540N direct mount, wafer style, **BUNA-N** seats, nylon coated ductile iron disc butterfly valve.



**DA540N**

With double acting pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	7.7	9.3	11.7	16.3	22.8	28.2	46.9	76.1	114.7
US\$	261.00	292.00	332.00	441.00	470.00	524.00	713.00	1,002.00	1,442.00



**SR540N**

With spring return pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	C/F
SR200	12.4	14.0	17.7	25.2	39.3	62.5	94.1	153.0	C/F
US\$	386.00	417.00	463.00	595.00	770.00	875.00	1,690.00	2,201.00	C/F



SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>E540N-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350	-
24V AC/DC	US\$	492.00	523.00	530.00	631.00	744.00	791.00	960.00	1,185.00	C/F
12V AC/DC, 100-240 VAC	US\$	529.00	560.00	567.00	692.00	820.00	881.00	1,053.00	1,251.00	C/F
<b>E540N-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,122.00	1,153.00	1,160.00	1,275.00	1,431.00	1,543.00	1,755.00	1,929.00	C/F
100-240 VAC	US\$	1,197.00	1,228.00	1,235.00	1,352.00	1,500.00	1,617.00	1,827.00	2,007.00	C/F
<b>E540N-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,052.00	1,083.00	1,090.00	1,200.00	1,323.00	1,427.00	1,643.00	1,810.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,145.00	1,176.00	1,183.00	1,293.00	1,415.00	1,427.00	1,742.00	1,916.00	C/F
<b>E540N-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,301.00	1,332.00	1,339.00	1,457.00	1,634.00	1,760.00	1,987.00	2,177.00	C/F
100-240 VAC	US\$	1,384.00	1,415.00	1,422.00	1,534.00	1,713.00	1,845.00	2,070.00	2,265.00	C/F
Weight (Lbs)		10.6	12.2	13.5	18.1	22.7	28.0	39.9	55.5	-

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>ME540N-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	EA450M
24V AC/DC	US\$	591.00	625.00	632.00	856.00	1,127.00	1,201.00	1,705.00	1,872.00	C/F
12V AC/DC, 100-240 VAC	US\$	639.00	673.00	680.00	916.00	1,258.00	1,358.00	1,758.00	1,929.00	C/F
<b>ME540N-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	1,237.00	1,271.00	1,278.00	1,624.00	2,031.00	2,149.00	2,521.00	2,809.00	C/F
100-240 VAC	US\$	1,306.00	1,340.00	1,347.00	1,706.00	2,096.00	2,217.00	2,595.00	2,889.00	C/F
<b>ME540N-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,230.00	1,264.00	1,271.00	1,528.00	1,957.00	2,071.00	2,451.00	2,734.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,311.00	1,345.00	1,352.00	1,626.00	2,035.00	2,153.00	2,542.00	2,831.00	C/F
<b>ME540N-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,621.00	1,655.00	1,662.00	1,790.00	2,183.00	2,380.00	2,795.00	3,109.00	C/F
100-240 VAC	US\$	1,703.00	1,737.00	1,744.00	1,872.00	2,248.00	2,451.00	2,871.00	3,192.00	C/F
Weight (Lbs)		14.8	16.4	17.7	22.0	31.0	36.0	50.0	65.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

540S direct mount, wafer style, **BUNA-N** seats, **stainless steel disc** butterfly valve.



**DA540S**

With double acting pneumatic actuator.

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	7.0	7.7	9.3	11.7	16.3	22.8	28.2	46.9	76.1	114.7
US\$	259.00	265.00	298.00	340.00	458.00	495.00	563.00	801.00	1,164.00	1,735.00



**SR540S**

With spring return pneumatic actuator.

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	C/F
SR200	11.7	12.4	14.0	17.7	25.2	39.3	62.5	94.1	153.0	C/F
US\$	384.00	390.00	423.00	471.00	612.00	795.00	914.00	1,778.00	2,363.00	C/F



SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>E540S-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.											
ACT.		VB030	VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350	-
24V AC/DC	US\$	490.00	496.00	529.00	538.00	648.00	769.00	830.00	1,048.00	1,347.00	C/F
12V AC/DC, 100-240 VAC	US\$	527.00	533.00	566.00	575.00	709.00	845.00	920.00	1,141.00	1,413.00	C/F
<b>E540S-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,120.00	1,126.00	1,159.00	1,168.00	1,292.00	1,456.00	1,582.00	1,843.00	2,091.00	C/F
100-240 VAC	US\$	1,195.00	1,201.00	1,234.00	1,243.00	1,369.00	1,525.00	1,656.00	1,915.00	2,169.00	C/F
<b>E540S-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,050.00	1,056.00	1,089.00	1,098.00	1,217.00	1,348.00	1,466.00	1,731.00	1,972.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,143.00	1,149.00	1,182.00	1,191.00	1,310.00	1,440.00	1,466.00	1,830.00	2,078.00	C/F
<b>E540S-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.											
24V AC/DC	US\$	1,299.00	1,305.00	1,338.00	1,347.00	1,474.00	1,659.00	1,799.00	2,075.00	2,339.00	C/F
100-240 VAC	US\$	1,382.00	1,388.00	1,421.00	1,430.00	1,551.00	1,738.00	1,884.00	2,158.00	2,427.00	C/F
Weight (Lbs)		9.9	10.6	12.2	13.5	18.1	22.7	28.0	39.9	55.5	-

SIZE	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>ME540S-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	EA450M
24V AC/DC	US\$	589.00	595.00	631.00	640.00	873.00	1,152.00	1,240.00	1,793.00	2,034.00	C/F
12V AC/DC, 100-240 VAC	US\$	637.00	643.00	679.00	688.00	933.00	1,283.00	1,397.00	1,846.00	2,091.00	C/F
<b>ME540S-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.											
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	1,235.00	1,241.00	1,277.00	1,286.00	1,641.00	2,056.00	2,188.00	2,609.00	2,971.00	C/F
100-240 VAC	US\$	1,304.00	1,310.00	1,346.00	1,355.00	1,723.00	2,121.00	2,256.00	2,683.00	3,051.00	C/F
<b>ME540S-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,228.00	1,234.00	1,270.00	1,279.00	1,545.00	1,982.00	2,110.00	2,539.00	2,896.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,309.00	1,315.00	1,351.00	1,360.00	1,643.00	2,060.00	2,192.00	2,630.00	2,993.00	C/F
<b>ME540S-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.											
24V AC/DC	US\$	1,619.00	1,625.00	1,661.00	1,670.00	1,807.00	2,208.00	2,419.00	2,883.00	3,271.00	C/F
100-240 VAC	US\$	1,701.00	1,707.00	1,743.00	1,752.00	1,889.00	2,273.00	2,490.00	2,959.00	3,354.00	C/F
Weight (Lbs)		14.2	14.9	16.5	17.8	22.0	31.0	36.0	48.0	64.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



N501N direct mount, Lug style, EPDM seats, nylon coated ductile iron disc butterfly valve.



**DAN501N**

With double acting pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	10.6	11.5	13.7	25.3	31.4	42.3	57.9	93.0	131.4
US\$	274.00	308.00	351.00	474.00	508.00	578.00	777.00	1,107.00	1,592.00



**SRN501N**

With spring return pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	-
SR200	15.3	16.2	17.3	34.2	47.9	76.6	105.0	170.0	-
US\$	399.00	433.00	482.00	628.00	808.00	929.00	1,754.00	2,306.00	C/F



SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>EN501N-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350	-
24V AC/DC	US\$	505.00	539.00	549.00	664.00	782.00	845.00	1,024.00	1,290.00	C/F
12V AC/DC, 100-240 VAC	US\$	542.00	576.00	586.00	725.00	858.00	935.00	1,117.00	1,356.00	C/F
<b>EN501N-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,135.00	1,169.00	1,179.00	1,308.00	1,469.00	1,597.00	1,819.00	2,034.00	C/F
100-240 VAC	US\$	1,210.00	1,244.00	1,254.00	1,385.00	1,538.00	1,671.00	1,891.00	2,112.00	C/F
<b>EN501N-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,065.00	1,099.00	1,109.00	1,233.00	1,361.00	1,481.00	1,707.00	1,915.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,158.00	1,192.00	1,202.00	1,326.00	1,453.00	1,481.00	1,806.00	2,021.00	C/F
<b>EN501N-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,314.00	1,348.00	1,358.00	1,490.00	1,672.00	1,814.00	2,051.00	2,282.00	C/F
100-240 VAC	US\$	1,397.00	1,431.00	1,441.00	1,567.00	1,751.00	1,899.00	2,134.00	2,370.00	C/F
Weight (Lbs)		13.5	14.4	15.5	27.1	31.3	42.1	50.9	72.4	-

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>MEN501N-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	EA450M
24V AC/DC	US\$	604.00	641.00	651.00	889.00	1,165.00	1,255.00	1,769.00	1,977.00	C/F
12V AC/DC, 100-240 VAC	US\$	652.00	689.00	699.00	949.00	1,296.00	1,412.00	1,822.00	2,034.00	C/F
<b>MEN501N-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	1,250.00	1,287.00	1,297.00	1,657.00	2,069.00	2,203.00	2,585.00	2,914.00	C/F
100-240 VAC	US\$	1,319.00	1,356.00	1,366.00	1,739.00	2,134.00	2,271.00	2,659.00	2,994.00	C/F
<b>MEN501N-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,243.00	1,280.00	1,290.00	1,561.00	1,995.00	2,125.00	2,515.00	2,839.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,324.00	1,361.00	1,371.00	1,659.00	2,073.00	2,207.00	2,606.00	2,936.00	C/F
<b>MEN501N-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,634.00	1,671.00	1,681.00	1,823.00	2,221.00	2,434.00	2,859.00	3,214.00	C/F
100-240 VAC	US\$	1,716.00	1,753.00	1,763.00	1,905.00	2,286.00	2,505.00	2,935.00	3,297.00	C/F
Weight (Lbs)		17.7	18.6	19.8	30.2	40.0	51.0	59.0	81.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



N501S direct mount, Lug style, **EPDM seats, stainless steel disc** butterfly valve.



**DAN501S**

With double acting pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	10.6	11.5	13.7	25.3	31.4	42.3	57.9	93.0	131.4
US\$	279.00	315.00	359.00	492.00	532.00	618.00	871.00	1,281.00	1,921.00



**SRN501S**

With spring return pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	-
SR200	15.3	16.2	17.3	34.12	47.9	76.6	104.0	170.0	-
US\$	404.00	440.00	490.00	646.00	832.00	969.00	1,848.00	2,480.00	C/F



SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>EN501S-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350	-
24V AC/DC	US\$	510.00	546.00	557.00	682.00	806.00	885.00	1,118.00	1,464.00	C/F
12V AC/DC, 100-240 VAC	US\$	547.00	583.00	594.00	743.00	882.00	975.00	1,211.00	1,530.00	C/F
<b>EN501S-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,140.00	1,176.00	1,187.00	1,326.00	1,493.00	1,637.00	1,913.00	2,208.00	C/F
100-240 VAC	US\$	1,215.00	1,251.00	1,262.00	1,403.00	1,562.00	1,711.00	1,985.00	2,286.00	C/F
<b>EN501S-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,070.00	1,106.00	1,117.00	1,251.00	1,385.00	1,521.00	1,801.00	2,089.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,163.00	1,199.00	1,210.00	1,344.00	1,477.00	1,521.00	1,900.00	2,195.00	C/F
<b>EN501S-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,319.00	1,355.00	1,366.00	1,508.00	1,696.00	1,854.00	2,145.00	2,456.00	C/F
100-240 VAC	US\$	1,402.00	1,438.00	1,449.00	1,585.00	1,775.00	1,939.00	2,228.00	2,544.00	C/F
Weight (Lbs)		13.1	14.4	15.5	27.1	31.3	42.1	50.9	78.2	-

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>MEN501S-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	EA450M
24V AC/DC	US\$	609.00	648.00	659.00	907.00	1,189.00	1,295.00	1,863.00	2,151.00	C/F
12V AC/DC, 100-240 VAC	US\$	657.00	696.00	707.00	967.00	1,320.00	1,452.00	1,916.00	2,208.00	C/F
<b>MEN501S-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	1,255.00	1,294.00	1,305.00	1,675.00	2,093.00	2,243.00	2,679.00	3,088.00	C/F
100-240 VAC	US\$	1,324.00	1,363.00	1,374.00	1,757.00	2,158.00	2,311.00	2,753.00	3,168.00	C/F
<b>MEN501S-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,248.00	1,287.00	1,298.00	1,579.00	2,019.00	2,165.00	2,609.00	3,013.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,329.00	1,368.00	1,379.00	1,677.00	2,097.00	2,247.00	2,700.00	3,110.00	C/F
<b>MEN501S-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,639.00	1,678.00	1,689.00	1,841.00	2,245.00	2,474.00	2,953.00	3,388.00	C/F
100-240 VAC	US\$	1,721.00	1,760.00	1,771.00	1,923.00	2,310.00	2,545.00	3,029.00	3,471.00	C/F
Weight (Lbs)		17.3	18.6	19.8	30.2	40.0	51.0	59.0	81.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

531S direct mount, Lug style, **VITON seats, stainless steel, disc** butterfly valve.



**DA531S**

With double acting pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	10.6	11.5	13.7	25.3	31.4	42.3	57.9	93.0	131.4
US\$	363.00	425.00	475.00	665.00	784.00	913.00	1,228.00	1,832.00	2,544.00



**SR531S**

With spring return pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	C/F
SR200	15.3	16.2	17.3	34.12	47.9	76.6	104.0	170.0	C/F
US\$	488.00	550.00	606.00	819.00	1,084.00	1,264.00	2,205.00	3,031.00	C/F



SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>E531S-00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350	-
24V AC/DC	US\$	594.00	656.00	673.00	855.00	1,058.00	1,180.00	1,475.00	2,015.00	C/F
12V AC/DC, 100-240 VAC	US\$	631.00	693.00	710.00	916.00	1,134.00	1,270.00	1,568.00	2,081.00	C/F
<b>E531S-01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,224.00	1,286.00	1,303.00	1,499.00	1,745.00	1,932.00	2,270.00	2,759.00	C/F
100-240 VAC	US\$	1,299.00	1,361.00	1,378.00	1,576.00	1,814.00	2,006.00	2,342.00	2,837.00	C/F
<b>E531S-02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,154.00	1,216.00	1,233.00	1,424.00	1,637.00	1,816.00	2,158.00	2,640.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,247.00	1,309.00	1,326.00	1,517.00	1,729.00	1,816.00	2,257.00	2,746.00	C/F
<b>E531S-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,403.00	1,465.00	1,482.00	1,681.00	1,948.00	2,149.00	2,502.00	3,007.00	C/F
100-240 VAC	US\$	1,486.00	1,548.00	1,565.00	1,758.00	2,027.00	2,234.00	2,585.00	3,095.00	C/F
Weight (Lbs)		13.1	14.4	15.5	27.1	31.3	42.1	50.9	72.4	-

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>ME531S-00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	EA450M
24V AC/DC	US\$	693.00	758.00	775.00	1,080.00	1,441.00	1,590.00	2,220.00	2,702.00	C/F
12V AC/DC, 100-240 VAC	US\$	741.00	806.00	823.00	1,140.00	1,572.00	1,747.00	2,273.00	2,759.00	C/F
<b>ME531S-01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	1,339.00	1,404.00	1,421.00	1,848.00	2,345.00	2,538.00	3,036.00	3,639.00	C/F
100-240 VAC	US\$	1,408.00	1,473.00	1,490.00	1,930.00	2,410.00	2,606.00	3,110.00	3,719.00	C/F
<b>ME531S-02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,332.00	1,397.00	1,414.00	1,752.00	2,271.00	2,460.00	2,966.00	3,564.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,413.00	1,478.00	1,495.00	1,850.00	2,349.00	2,542.00	3,057.00	3,661.00	C/F
<b>ME531S-04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,723.00	1,788.00	1,805.00	2,014.00	2,497.00	2,769.00	3,310.00	3,939.00	C/F
100-240 VAC	US\$	1,805.00	1,870.00	1,887.00	2,096.00	2,562.00	2,840.00	3,386.00	4,022.00	C/F
Weight (Lbs)		17.3	18.6	19.8	30.2	40.0	51.0	59.0	81.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



541N direct mount, Lug style, **Buna-N** seats, **nylon coated ductile iron disc** butterfly valve.



**DA541N**

With double acting pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	10.6	11.5	13.7	25.3	31.4	42.3	57.9	93.0	131.4
US\$	269.00	302.00	348.00	464.00	495.00	559.00	751.00	1,067.00	1,532.00



**SR541N**

With spring return pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	-
SR200	15.3	16.2	17.3	34.2	47.9	76.6	105.0	170.0	-
US\$	394.00	427.00	479.00	618.00	795.00	910.00	1,728.00	2,266.00	C/F



SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>E541N-00*</b>	With UL approved standard on/off <b>plastic</b> electric actuator.									
ACT.		VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350	-
24V AC/DC	US\$	500.00	533.00	546.00	654.00	769.00	826.00	998.00	1,250.00	C/F
12V AC/DC, 100-240 VAC	US\$	537.00	570.00	583.00	715.00	845.00	916.00	1,091.00	1,316.00	C/F

<b>E541N-01*</b>	With fail-safe battery back-up <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,130.00	1,163.00	1,176.00	1,298.00	1,456.00	1,578.00	1,793.00	1,994.00	C/F
100-240 VAC	US\$	1,205.00	1,238.00	1,251.00	1,375.00	1,525.00	1,652.00	1,865.00	2,072.00	C/F

<b>E541N-02*</b>	With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,060.00	1,093.00	1,106.00	1,223.00	1,348.00	1,462.00	1,681.00	1,875.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,153.00	1,186.00	1,199.00	1,316.00	1,440.00	1,462.00	1,780.00	1,981.00	C/F

<b>E531N-04*</b>	With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.									
24V AC/DC	US\$	1,309.00	1,342.00	1,355.00	1,480.00	1,659.00	1,795.00	2,025.00	2,242.00	C/F
100-240 VAC	US\$	1,392.00	1,425.00	1,438.00	1,557.00	1,738.00	1,880.00	2,108.00	2,330.00	C/F
Weight (Lbs)		13.5	14.4	15.5	27.1	31.3	42.1	50.9	72.4	-

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>ME541N-00*</b>	With UL approved standard on/off <b>metal</b> electric actuator.									
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	EA450M
24V AC/DC	US\$	599.00	635.00	648.00	879.00	1,152.00	1,236.00	1,743.00	1,937.00	C/F
12V AC/DC, 100-240 VAC	US\$	647.00	683.00	696.00	939.00	1,283.00	1,393.00	1,796.00	1,994.00	C/F

<b>ME541N-01*</b>	With fail-safe battery back-up <b>metal</b> electric actuator.									
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	1,245.00	1,281.00	1,294.00	1,647.00	2,056.00	2,184.00	2,559.00	2,874.00	C/F
100-240 VAC	US\$	1,314.00	1,350.00	1,363.00	1,729.00	2,121.00	2,252.00	2,633.00	2,954.00	C/F

<b>ME541N-02*</b>	With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,238.00	1,274.00	1,287.00	1,551.00	1,982.00	2,106.00	2,489.00	2,799.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,319.00	1,355.00	1,368.00	1,649.00	2,060.00	2,188.00	2,580.00	2,896.00	C/F

<b>ME541N-04*</b>	With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.									
24V AC/DC	US\$	1,629.00	1,665.00	1,678.00	1,813.00	2,208.00	2,415.00	2,833.00	3,174.00	C/F
100-240 VAC	US\$	1,711.00	1,747.00	1,760.00	1,895.00	2,273.00	2,486.00	2,909.00	3,257.00	C/F
Weight (Lbs)		17.7	18.6	19.8	30.2	40.0	51.0	59.0	81.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

541S direct mount, Lug style, **Buna-N seats, stainless steel disc** butterfly valve.



**DA541S**

With double acting pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA52	DA63	DA75	DA75	DA85	DA100	DA125	DA140
Weight (Lbs)	10.6	11.5	13.7	25.3	31.4	42.3	57.9	93.0	131.4
US\$	274.00	307.00	355.00	480.00	516.00	599.00	837.00	1,224.00	1,828.00



**SR541S**

With spring return pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR75	SR85	SR100	SR115	SR125	SR160	SR200	C/F
SR200	15.3	16.2	17.3	34.2	47.9	76.6	104.0	170.0	C/F
US\$	399.00	432.00	486.00	634.00	816.00	950.00	1,814.00	2,423.00	C/F



SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
<b>E541S-00*</b>		With UL approved standard on/off <b>plastic</b> electric actuator.								
ACT.		VB030	VB030	VB030	VB060	VB110	VB190	VB270	VB350	-
24V AC/DC	US\$	505.00	538.00	553.00	670.00	790.00	866.00	1,084.00	1,407.00	C/F
12V AC/DC, 100-240 VAC	US\$	542.00	575.00	590.00	731.00	866.00	956.00	1,177.00	1,473.00	C/F
<b>E541S-01*</b>		With fail-safe battery back-up <b>plastic</b> electric actuator.								
24V AC/DC	US\$	1,135.00	1,168.00	1,183.00	1,314.00	1,477.00	1,618.00	1,879.00	2,151.00	C/F
100-240 VAC	US\$	1,210.00	1,243.00	1,258.00	1,391.00	1,546.00	1,692.00	1,951.00	2,229.00	C/F
<b>E541S-02*</b>		With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.								
24V AC/DC	US\$	1,065.00	1,098.00	1,113.00	1,239.00	1,369.00	1,502.00	1,767.00	2,032.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,158.00	1,191.00	1,206.00	1,332.00	1,461.00	1,502.00	1,866.00	2,138.00	C/F
<b>E541S-04*</b>		With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.								
24V AC/DC	US\$	1,314.00	1,347.00	1,362.00	1,496.00	1,680.00	1,835.00	2,111.00	2,399.00	C/F
100-240 VAC	US\$	1,397.00	1,430.00	1,445.00	1,573.00	1,759.00	1,920.00	2,194.00	2,487.00	C/F
Weight (Lbs)		13.1	14.4	15.5	27.1	31.3	42.1	50.9	78.2	-

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
<b>ME541S-00*</b>		With UL approved standard on/off <b>metal</b> electric actuator.								
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	EA450M
24V AC/DC	US\$	604.00	640.00	655.00	895.00	1,173.00	1,276.00	1,829.00	2,094.00	C/F
12V AC/DC, 100-240 VAC	US\$	652.00	688.00	703.00	955.00	1,304.00	1,433.00	1,882.00	2,151.00	C/F
<b>ME541S-01*</b>		With fail-safe battery back-up <b>metal</b> electric actuator.								
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	1,250.00	1,286.00	1,301.00	1,663.00	2,077.00	2,224.00	2,645.00	3,031.00	C/F
100-240 VAC	US\$	1,319.00	1,355.00	1,370.00	1,745.00	2,142.00	2,292.00	2,719.00	3,111.00	C/F
<b>ME541S-02*</b>		With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,243.00	1,279.00	1,294.00	1,567.00	2,003.00	2,146.00	2,575.00	2,956.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,324.00	1,360.00	1,375.00	1,665.00	2,081.00	2,228.00	2,666.00	3,053.00	C/F
<b>ME541S-04*</b>		With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.								
24V AC/DC	US\$	1,634.00	1,670.00	1,685.00	1,829.00	2,229.00	2,455.00	2,919.00	3,331.00	C/F
100-240 VAC	US\$	1,716.00	1,752.00	1,767.00	1,911.00	2,294.00	2,526.00	2,995.00	3,414.00	C/F
Weight (Lbs)		17.3	18.6	19.8	30.2	40.0	51.0	59.0	81.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

700 direct mount, grooved end, butterfly valve.



**DA700E (EPDM coated disc)**  
**DA700B (Buna-N coated disc)**

With double acting pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	DA52	DA63	DA63	DA75	DA85	DA100	DA125	DA140	DA160
Weight (Lbs)	6.4	8.5	9.6	16.1	25.3	33.3	56.3	90.4	124
US\$	289.00	355.00	448.00	513.00	607.00	741.00	1,168.00	1,603.00	2,066.00

**SR700E (EPDM)**  
**SR700B (Buna-N)**

With spring return pneumatic actuator.

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.	SR75	SR85	SR115	SR115	SR125	SR125	SR140	SR160	SR200
SR200	11.4	15.4	31.2	35.2	47.7	52.2	80.5	119.5	197.3
US\$	414.00	486.00	520.00	813.00	958.00	1,019.00	1,938.00	3,422.00	5,214.00



SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>E700* -00*</b> With UL approved standard on/off <b>plastic</b> electric actuator.										
ACT.		VB030	VB030	VB060	VB110	VB190	VB190	VB270	VB350	-
24V AC/DC	US\$	520.00	553.00	639.00	787.00	852.00	935.00	1,208.00	1,532.00	C/F
12V AC/DC, 100-240 VAC	US\$	557.00	590.00	700.00	862.00	928.00	1,025.00	1,301.00	1,598.00	C/F
<b>E700* -01*</b> With fail-safe battery back-up <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,150.00	1,183.00	1,283.00	1,478.00	1,539.00	1,687.00	2,003.00	2,276.00	C/F
100-240 VAC	US\$	1,225.00	1,258.00	1,360.00	1,588.00	1,608.00	1,761.00	2,075.00	2,354.00	C/F
<b>E700* -02*</b> With 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,080.00	1,113.00	1,208.00	1,380.00	1,431.00	1,571.00	1,891.00	2,157.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,173.00	1,206.00	1,301.00	1,451.00	1,523.00	1,670.00	1,990.00	2,263.00	C/F
<b>E700* -04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>plastic</b> electric actuator.										
24V AC/DC	US\$	1,329.00	1,362.00	1,465.00	1,731.00	1,742.00	1,904.00	2,235.00	2,524.00	C/F
100-240 VAC	US\$	1,412.00	1,445.00	1,542.00	1,773.00	1,821.00	1,989.00	2,318.00	2,612.00	C/F
Weight (Lbs)		9	9.9	13.7	21.6	28.4	32.8	46.3	68.3	-

\* Seats material, B=Buna - E=EPDM



SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>ME700* -00*</b> With UL approved standard on/off <b>metal</b> electric actuator.										
ACT.		VB030M	VB030M	VB060M	VB110M	VB190M	VB190M	VB270M	VB350M	-
24V AC/DC	US\$	619.00	655.00	862.00	1,169.00	1,284.00	1,345.00	1,953.00	2,219.00	C/F
12V AC/DC, 100-240 VAC	US\$	667.00	703.00	922.00	1,300.00	1,441.00	1,502.00	2,006.00	2,276.00	C/F
<b>ME700* -01*</b> With fail-safe battery back-up <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,265.00	1,301.00	1,630.00	2,073.00	2,232.00	2,293.00	2,769.00	3,156.00	C/F
100-240 VAC	US\$	1,334.00	1,370.00	1,712.00	2,138.00	2,300.00	2,361.00	2,843.00	3,236.00	C/F
<b>ME700* -02*</b> With 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,258.00	1,294.00	1,534.00	1,999.00	2,154.00	2,215.00	2,699.00	3,081.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,339.00	1,375.00	1,632.00	2,077.00	2,236.00	2,297.00	2,790.00	3,178.00	C/F
<b>ME700* -04*</b> With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning <b>metal</b> electric actuator.										
24V AC/DC	US\$	1,649.00	1,685.00	1,796.00	2,225.00	2,463.00	2,524.00	3,043.00	3,456.00	C/F
100-240 VAC	US\$	1,731.00	1,767.00	1,878.00	2,290.00	2,534.00	2,595.00	3,119.00	3,539.00	C/F
Weight (Lbs)		13.2	14.1	16.7	30.0	37.0	41.0	54.5	77.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

8100 carbon steel, Class 150 HP, wafer style butterfly valve.  
8300 carbon steel, Class 300 HP, wafer style butterfly valve.



**DA8100/DA8300**

With double acting pneumatic actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		DA63V	DA63V	DA63V	DA75V	DA85V	DA100V	DA115V	DA125V	DA180V
Weight (Lbs)		16.0	17.5	21.0	25.0	31.0	43.0	67.0	96.0	171.0
DA 8100	US\$	601.00	659.00	752.00	969.00	1,150.00	1,336.00	2,044.00	2,830.00	5,046.00
ACT.		DA63V	DA63V	DA75V	DA75V	DA85V	DA100V	DA115V	DA140V	DA180V
Weight (Lbs)		18.0	20.0	23.5	28.0	37.5	51.0	77.5	103.0	182.0
DA 8300	US\$	605.00	675.00	828.00	995.00	1,182.00	1,415.00	2,176.00	3,413.00	5,359.00

**SR8100/SR8300**

With spring return pneumatic actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		SR85V	SR85V	SR85V	SR100V	SR115V	SR125V	SR160V	SR180V	SR200V
Weight (Lbs)		23.0	24.5	26.0	35.0	47.0	79.0	115.0	194.0	282.0
SR 8100	US\$	732.00	790.00	883.00	1,123.00	1,438.00	1,754.00	2,895.00	4,018.00	5,769.00
ACT.		SR85V	SR100V	SR100V	SR115V	SR125V	SR125V	SR180V	SR200V	SR200V
Weight (Lbs)		15.0	27.0	29.0	38.0	54.0	92.0	123.0	136.0	356.0
SR 8300	US\$	736.00	898.00	982.00	1,295.00	1,550.00	1,833.00	3,456.00	5,232.00	8,669.00



SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ME8100-00* With UL approved standard on/off metal electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	898.00	959.00	1,052.00	1,385.00	1,784.00	1,970.00	2,532.00	3,709.00	C/F
12V AC/DC, 100-240 VAC	US\$	946.00	1,007.00	1,100.00	1,445.00	1,915.00	2,101.00	2,689.00	3,766.00	C/F
ME8100-01* With fail-safe battery back-up metal electric actuator.										
24V AC/DC	US\$	1,539.00	1,597.00	1,690.00	2,143.00	2,678.00	2,864.00	3,460.00	4,626.00	C/F
100-240 VAC	US\$	1,608.00	1,666.00	1,759.00	2,225.00	2,743.00	2,929.00	3,528.00	4,706.00	C/F
ME8100-02* With 0-10VDC or 4-20mA positioning metal electric actuator.										
24V AC/DC	US\$	1,537.00	1,598.00	1,691.00	2,057.00	2,614.00	2,800.00	3,402.00	4,571.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,618.00	1,679.00	1,772.00	2,155.00	2,692.00	2,878.00	3,484.00	4,668.00	C/F
ME8100-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning metal electric actuator.										
24V AC/DC	US\$	1,928.00	1,989.00	2,082.00	2,319.00	2,840.00	3,026.00	3,711.00	4,946.00	C/F
100-240 VAC	US\$	2,010.00	2,071.00	2,164.00	2,401.00	2,905.00	3,091.00	3,782.00	5,029.00	C/F
Weight (Lbs)		18.5	19.0	21.0	28.0	41.0	48.0	65.0	93.0	-



SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ME8300-00* With standard on/off metal electric actuator.										
ACT.		VB030M	VB060M	VB060M	VB060M	VB110M	VB190M	VB270M	EA450	EA450
24V AC/DC	US\$	902.00	1,157.00	1,241.00	1,411.00	1,816.00	2,098.00	3,042.00	4,650.00	C/F
12V AC/DC, 100-240 VAC	US\$	950.00	1,217.00	1,301.00	1,471.00	1,947.00	2,255.00	3,095.00	4,650.00	C/F
ME8300-01* With fail-safe battery back-up metal electric actuator.										
24V AC/DC	US\$	1,548.00	1,925.00	2,009.00	2,179.00	2,720.00	3,046.00	3,858.00	C/F	C/F
100-240 VAC	US\$	1,617.00	2,007.00	2,091.00	2,261.00	2,785.00	3,114.00	3,932.00	C/F	C/F
ME8300-02* With 0-10VDC or 4-20mA positioning metal electric actuator.										
24V AC/DC	US\$	1,541.00	1,829.00	1,913.00	2,083.00	2,646.00	2,968.00	3,788.00	5,573.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,622.00	1,927.00	2,011.00	2,181.00	2,724.00	3,050.00	3,879.00	5,573.00	C/F
ME8300-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning metal electric actuator.										
24V AC/DC	US\$	1,932.00	2,091.00	2,175.00	2,345.00	2,872.00	3,277.00	4,132.00	C/F	C/F
100-240 VAC	US\$	2,014.00	2,173.00	2,257.00	2,427.00	2,937.00	3,348.00	4,208.00	C/F	C/F
Weight (Lbs)		19.4	24.0	25.0	34.0	48.0	55.0	78.0	87.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

8101 carbon steel, class 150 HP, lug style butterfly valve.  
8301 carbon steel, class 300 HP, lug style butterfly valve.



**DA8101/DA8301**

With double acting pneumatic actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		DA63V	DA63V	DA63V	DA75V	DA85V	DA100V	DA115V	DA125V	DA180V
Weight (Lbs)		18.0	19.5	23.0	31.0	38.0	50.0	89.0	111.0	193.0
DA 8101	US\$	624.00	700.00	783.00	1,094.00	1,314.00	1,504.00	2,253.00	3,292.00	5,523.00
ACT.		DA63V	DA63V	DA75V	DA75V	DA85V	DA100V	DA115V	DA140V	DA180V
Weight (Lbs)		21.5	23.0	28.5	41.0	51.0	72.0	119.0	156.0	235.0
DA 8301	US\$	671.00	770.00	939.00	1,141.00	1,344.00	1,717.00	2,639.00	4,057.00	6,114.00

**SR8101/SR8301**

With spring return pneumatic actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		SR85V	SR85V	SR85V	SR100V	SR115V	SR125V	SR160V	SR180V	SR200V
Weight (Lbs)		25.0	26.0	29.0	40.0	54.0	86.0	135.0	209.0	305.0
SR 8101	US\$	755.00	831.00	914.00	1,248.00	1,602.00	1,922.00	3,104.00	4,480.00	6,246.00
ACT.		SR85V	SR100V	SR100V	SR115V	SR125V	SR125V	SR180V	SR200V	SR200V
Weight (Lbs)		26.5	28.5	31.0	46.5	67.0	99.0	146.0	240.0	388.0
SR 8301	US\$	802.00	993.00	1,093.00	1,442.00	1,701.00	2,135.00	3,919.00	5,876.00	9,424.00



**ME8101-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	921.00	1,000.00	1,083.00	1,510.00	1,948.00	2,138.00	2,741.00	4,171.00	C/F
12V AC/DC, 100-240 VAC	US\$	969.00	1,048.00	1,131.00	1,570.00	2,079.00	2,269.00	2,898.00	4,228.00	C/F

**ME8101-01\*** With fail-safe battery back-up **metal** electric actuator.

24V AC/DC	US\$	1,567.00	1,646.00	1,729.00	2,278.00	2,852.00	3,042.00	3,689.00	5,108.00	C/F
100-240 VAC	US\$	1,636.00	1,715.00	1,798.00	2,360.00	2,917.00	3,107.00	3,757.00	5,188.00	C/F

**ME8101-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	1,560.00	1,639.00	1,722.00	2,182.00	2,778.00	2,968.00	3,611.00	5,033.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,641.00	1,720.00	1,803.00	2,280.00	2,856.00	3,046.00	3,693.00	5,130.00	C/F

**ME8101-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	1,951.00	2,030.00	2,113.00	2,444.00	3,004.00	3,194.00	3,920.00	5,408.00	C/F
100-240 VAC	US\$	2,033.00	2,112.00	2,195.00	2,526.00	3,069.00	3,259.00	3,991.00	5,491.00	C/F
Weight (Lbs)		19.6	21.5	23.0	35.0	48.0	55.0	87.0	106.0	-



**ME8301-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		VB030M	VB060M	VB060M	VB060M	VB110M	VB190M	VB270M	EA450	EA575
24V AC/DC	US\$	968.00	1,252.00	1,352.00	1,557.00	1,978.00	2,400.00	3,505.00	5,294.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,016.00	1,312.00	1,412.00	1,617.00	2,109.00	2,557.00	3,558.00	5,294.00	C/F

**ME8301-01\*** With fail-safe battery back-up **metal** electric actuator.

24V AC/DC	US\$	1,614.00	2,020.00	2,120.00	2,325.00	2,882.00	3,348.00	4,321.00	C/F	C/F
100-240 VAC	US\$	1,683.00	2,102.00	2,202.00	2,407.00	2,947.00	3,416.00	4,395.00	C/F	C/F

**ME8301-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	1,607.00	1,924.00	2,024.00	2,229.00	2,808.00	3,270.00	4,251.00	6,217.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,688.00	2,022.00	2,122.00	2,327.00	2,886.00	3,352.00	4,342.00	6,217.00	C/F

**ME8301-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	1,998.00	2,186.00	2,286.00	2,491.00	3,034.00	3,579.00	4,595.00	C/F	C/F
100-240 VAC	US\$	2,080.00	2,268.00	2,368.00	2,573.00	3,099.00	3,650.00	4,671.00	C/F	C/F
Weight (Lbs)		21.7	28.0	31.0	38.0	54.0	70.0	101.0	126.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC



9100 stainless steel, class 150 HP, wafer style butterfly valve.  
9300 stainless steel, class 300 HP, wafer style butterfly valve.



**DA9100/DA9300**

With double acting pneumatic actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		DA63V	DA63V	DA63V	DA75V	DA85V	DA100V	DA115V	DA125V	DA180V
Weight (Lbs)		16.0	17.5	21.0	25.0	31.0	43.0	69.0	96.0	171.0
DA 9100	US\$	772.00	840.00	962.00	1,224.00	1,491.00	1,749.00	2,647.00	3,704.00	6,418.00
ACT.		DA63V	DA63V	DA75V	DA75V	DA85V	DA100V	DA115V	DA140V	DA180V
Weight (Lbs)		18.0	20.0	22.5	28.0	37.5	51.0	77.5	103.0	182.0
DA 9300	US\$	779.00	867.00	1,039.00	1,263.00	1,525.00	1,835.00	2,829.00	4,443.00	6,839.00

**SR9100/SR9300**

With spring return pneumatic actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		SR85V	SR85V	SR85V	SR100V	SR115V	SR125V	SR160V	SR180V	SR200V
Weight (Lbs)		23.0	24.5	26.0	35.0	47.0	79.0	115.0	194.0	282.0
SR 9100	US\$	903.00	971.00	1,093.00	1,378.00	1,779.00	2,167.00	3,498.00	4,892.00	7,141.00
ACT.		SR85V	SR100V	SR100V	SR115V	SR125V	SR125V	SR180V	SR200V	SR200V
Weight (Lbs)		25.0	27.0	29.0	38.0	54.0	92.0	123.0	136.0	356.0
SR 9300	US\$	910.00	1,090.00	1,193.00	1,564.00	1,882.00	2,253.00	4,109.00	6,262.00	10,149.00



SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ME9100-00* With UL approved standard on/off metal electric actuator.										
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	1,069.00	1,140.00	1,262.00	1,640.00	2,125.00	2,383.00	3,135.00	4,583.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,117.00	1,188.00	1,310.00	1,700.00	2,256.00	2,514.00	3,292.00	4,640.00	C/F
ME9100-01* With fail-safe battery back-up metal electric actuator.										
24V AC/DC	US\$	1,715.00	1,786.00	1,908.00	2,408.00	3,029.00	3,287.00	4,083.00	5,520.00	C/F
100-240 VAC	US\$	1,784.00	1,855.00	1,977.00	2,490.00	3,094.00	3,352.00	4,151.00	5,600.00	C/F
ME9100-02* With 0-10VDC or 4-20mA positioning metal electric actuator.										
24V AC/DC	US\$	1,708.00	1,779.00	1,901.00	2,312.00	2,955.00	3,213.00	4,005.00	5,445.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,789.00	1,860.00	1,982.00	2,410.00	3,033.00	3,291.00	4,087.00	5,542.00	C/F
ME9100-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning metal electric actuator.										
24V AC/DC	US\$	2,099.00	2,170.00	2,292.00	2,574.00	3,181.00	3,439.00	4,314.00	5,820.00	C/F
100-240 VAC	US\$	2,181.00	2,252.00	2,374.00	2,656.00	3,246.00	3,504.00	4,385.00	5,903.00	C/F
Weight (Lbs)		18.5	19.0	21.0	28.0	41.0	48.0	65.0	93.0	-



SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ME9300-00* With UL approved standard on/off metal electric actuator.										
ACT.		VB030M	VB060M	VB060M	VB060M	VB110M	VB190M	VB270M	EA450	EA575
24V AC/DC	US\$	1,076.00	1,349.00	1,452.00	1,679.00	2,159.00	2,518.00	3,695.00	5,680.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,124.00	1,409.00	1,512.00	1,739.00	2,290.00	2,675.00	3,748.00	5,680.00	C/F
ME9300-01* With fail-safe battery back-up metal electric actuator.										
24V AC/DC	US\$	1,722.00	2,117.00	2,220.00	2,447.00	3,063.00	3,466.00	4,511.00	C/F	C/F
100-240 VAC	US\$	1,791.00	2,199.00	2,302.00	2,529.00	3,128.00	3,534.00	4,585.00	C/F	C/F
ME9300-02* With 0-10VDC or 4-20mA positioning metal electric actuator.										
24V AC/DC	US\$	1,715.00	2,021.00	2,124.00	2,351.00	2,989.00	3,388.00	4,441.00	6,603.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,796.00	2,119.00	2,222.00	2,449.00	3,067.00	3,470.00	4,532.00	6,603.00	C/F
ME9300-04* With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning metal electric actuator.										
24V AC/DC	US\$	2,106.00	2,283.00	2,386.00	2,613.00	3,215.00	3,697.00	4,785.00	C/F	C/F
100-240 VAC	US\$	2,188.00	2,365.00	2,468.00	2,695.00	3,280.00	3,768.00	4,861.00	C/F	C/F
Weight (Lbs)		19.4	24.0	28.0	34.0	48.0	55.0	78.0	87.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

9101 stainless steel, class 150 HP, lug style butterfly valve.  
9301 stainless steel, class 300 HP, lug style butterfly valve.



**DA9101/DA9301**

With double acting pneumatic actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		DA63V	DA63V	DA63V	DA75V	DA85V	DA100V	DA115V	DA125V	DA180V
Weight (Lbs)		18.0	19.5	23.0	31.0	38.0	50.0	89.0	111.0	193.0
DA 9101	US\$	805.00	900.00	1,003.00	1,422.00	1,749.00	2,012.00	2,874.00	4,460.00	7,194.00
ACT.		DA63V	DA63V	DA75V	DA75V	DA85V	DA100V	DA115V	DA140V	DA180V
Weight (Lbs)		21.5	23.0	28.5	41.0	51.0	72.0	119.0	156.0	235.0
DA 9301	US\$	887.00	1,021.00	1,221.00	1,505.00	1,786.00	2,342.00	3,618.00	5,528.00	8,078.00

**SR9101/SR9301**

With spring return pneumatic actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		SR63V	SR63V	SR63V	SR100V	SR115V	SR125V	SR160V	SR180V	SR200V
Weight (Lbs)		25.0	26.0	29.0	40.0	54.0	86.0	135.0	209.0	305.0
SR 9101	US\$	936.00	1,031.00	1,134.00	1,576.00	2,037.00	2,430.00	3,725.00	5,648.00	7,917.00
ACT.		SR85V	SR100V	SR100V	SR115V	SR125V	SR125V	SR180V	SR200V	SR200V
Weight (Lbs)		26.5	28.5	31.0	46.5	67.0	99.0	146.0	240.0	388.0
SR 9301	US\$	1,018.00	1,244.00	1,375.00	1,806.00	2,143.00	2,760.00	4,898.00	7,347.00	11,388.00



**ME9101-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB110M	VB190M	VB350M	-
24V AC/DC	US\$	1,102.00	1,200.00	1,303.00	1,838.00	2,383.00	2,646.00	3,362.00	5,339.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,150.00	1,248.00	1,351.00	1,898.00	2,514.00	2,777.00	3,519.00	5,396.00	C/F

**ME9101-01\*** With fail-safe battery back-up **metal** electric actuator.

24V AC/DC	US\$	1,748.00	1,846.00	1,949.00	2,606.00	3,287.00	3,550.00	4,310.00	6,276.00	C/F
100-240 VAC	US\$	1,817.00	1,915.00	2,018.00	2,688.00	3,352.00	3,615.00	4,378.00	6,356.00	C/F

**ME9101-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	1,741.00	1,839.00	1,942.00	2,510.00	3,213.00	3,476.00	4,232.00	6,201.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,822.00	1,920.00	2,023.00	2,608.00	3,291.00	3,554.00	4,314.00	6,298.00	C/F

**ME9101-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	2,132.00	2,230.00	2,333.00	2,772.00	3,439.00	3,702.00	4,541.00	6,576.00	C/F
100-240 VAC	US\$	2,214.00	2,312.00	2,415.00	2,854.00	3,504.00	3,767.00	4,612.00	6,659.00	C/F
Weight (Lbs)		19.6	21.5	23.0	35.0	48.0	55.0	87.0	106.0	-



**ME9301-00\*** With UL approved standard on/off **metal** electric actuator.

SIZE		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
ACT.		VB030M	VB060M	VB060M	VB060M	VB110M	VB190M	VB270M	EA450	EA575
24V AC/DC	US\$	1,184.00	1,503.00	1,634.00	1,921.00	2,420.00	3,025.00	4,484.00	6,765.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,232.00	1,563.00	1,694.00	1,981.00	2,551.00	3,182.00	4,537.00	6,765.00	C/F

**ME9301-01\*** With fail-safe battery back-up **metal** electric actuator.

24V AC/DC	US\$	1,830.00	2,271.00	2,402.00	2,689.00	3,324.00	3,973.00	5,300.00	C/F	C/F
100-240 VAC	US\$	1,899.00	2,353.00	2,484.00	2,771.00	3,389.00	4,041.00	5,374.00	C/F	C/F

**ME9301-02\*** With 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	1,823.00	2,175.00	2,306.00	2,593.00	3,250.00	3,895.00	5,230.00	7,688.00	C/F
12V AC/DC, 100-240 VAC	US\$	1,904.00	2,273.00	2,404.00	2,691.00	3,328.00	3,977.00	5,321.00	7,688.00	C/F

**ME9301-04\*** With fail-safe battery back-Up and 0-10VDC or 4-20mA positioning **metal** electric actuator.

24V AC/DC	US\$	2,214.00	2,437.00	2,568.00	2,855.00	3,476.00	4,204.00	5,574.00	C/F	C/F
100-240 VAC	US\$	2,296.00	2,519.00	2,650.00	2,937.00	3,541.00	4,275.00	5,650.00	C/F	C/F
Weight (Lbs)		21.7	28.0	31.0	38.0	54.0	70.0	101.0	126.0	-

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

**NEW**

N501S direct mount, Lug style, EPDM seats, **stainless steel disc**, butterfly valve tandem assembly with 125# cast iron tee.



**DAN501S-T\***

<b>EXAMPLE PART NO.</b>	<b>MODEL</b>	<b>ARR. #</b>	<b>SIZE</b>
	<b>DAN501S</b>	<b>T1</b>	<b>3</b>

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
<b>ACT.</b>	DA63	DA63	DA75	DA85	DA100	DA115	DA125	DA140	DA180
<b>Linkage</b>	BFVLINK-2	BFVLINK-2-1/2	BFVLINK-3	BFVLINK-4	BFVLINK-5	BFVLINK-6	BFVLINK-7	BFVLINK-10	BFVLINK-12
<b>Est.Wgt. (Lbs.)</b>	44.46	55.26	66.93	115.2	144.12	190.11	274.01	429.13	625.33
<b>US\$</b>	1,247.00	1,421.00	1,455.00	1,968.00	2,549.00	2,447.00	3,376.00	4,962.00	6,838.00

\* See "TEE FLOW ARRANGEMENTS" below



**SRN501S-T\***

<b>EXAMPLE PART NO.</b>	<b>MODEL</b>	<b>ARR. #</b>	<b>SIZE</b>
	<b>SRN501S</b>	<b>T1</b>	<b>3</b>

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
<b>ACT.</b>	SR85	SR100	SR115	SR125	SR160	SR160	SR200	SR230	SR270
<b>Linkage</b>	BFVLINK-2	BFVLINK-2-1/2	BFVLINK-3	BFVLINK-4	BFVLINK-5	BFVLINK-6	BFVLINK-7	BFVLINK-10	BFVLINK-12
<b>Est.Wgt. (Lbs.)</b>	51.68	67.03	86.04	137.64	197.04	235.64	371.45	549.73	782.46
<b>US\$</b>	1,377.00	1,643.00	1,746.00	2,310.00	3,506.00	3,287.00	4,865.00	7,836.00	9,721.00

\* See "TEE FLOW ARRANGEMENTS" below



<b>EXAMPLE PART NO.</b>	<b>MODEL</b>	<b>ARR. #</b>	<b>VOLTAGE</b>	<b>SIZE</b>
	<b>MEN501S</b>	<b>T1</b>	<b>003</b>	<b>3</b>

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>MEN501S-T*-00*</b>	with UL approved standard on/off metal electric actuators									
<b>ACT.</b>		VB030M	VB060M	VB060M	VB110M	VB190M	VB190M	VB350M	EA450	EA450
<b>24V AC/DC</b>	US\$	1,545.00	1,895.00	1,861.00	2,586.00	3,143.00	2,924.00	4,226.00	6,150.00	7,462.00
<b>12V AC/DC, 100-240VAC</b>	US\$	1,593.00	1,955.00	1,921.00	2,631.00	3,190.00	2,971.00	4,283.00	6,150.00*	7,462.00*

\* Available only in 100-240VAC

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>MEN501S-T*-01*</b>	with fail-safe battery back-up metal electric actuators									
<b>ACT.</b>		VB030M	VB060M	VB060M	VB110M	VB190M	VB190M	VB350M	-	-
<b>24V AC/DC</b>	US\$	2,191.00	2,663.00	2,629.00	3,490.00	4,091.00	3,872.00	5,163.00	-	-
<b>100-240 VAC</b>	US\$	2,260.00	2,745.00	2,711.00	3,555.00	4,159.00	3,940.00	5,243.00	-	-

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>MEN501S-T*-02*</b>	with 0-10VDC or 4-20 mA positioning metal electric actuators									
<b>ACT.</b>		VB030M	VB060M	VB060M	VB110M	VB190M	VB190M	VB350M	EA450	EA450
<b>24V AC/DC</b>	US\$	2,184.00	2,567.00	2,533.00	3,416.00	4,013.00	3,794.00	5,088.00	7,073.00	8,385.00
<b>12V AC/DC, 100-240VAC</b>	US\$	2,265.00	2,665.00	2,631.00	3,494.00	4,095.00	3,876.00	5,185.00	7,073.00*	8,385.00*

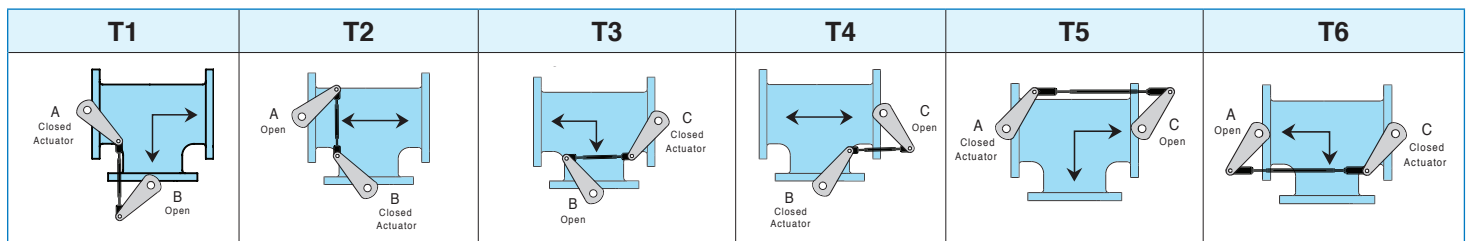
\* Available only in 100-240VAC

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	
<b>MEN501S-T*-04*</b>	with fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metal electric actuators									
<b>ACT.</b>		VB030M	VB060M	VB060M	VB110M	VB190M	VB190M	VB350M	-	-
<b>24V AC/DC</b>	US\$	2,575.00	2,829.00	2,795.00	3,642.00	4,322.00	4,103.00	5,463.00	-	-
<b>100-240 VAC</b>	US\$	2,657.00	2,911.00	2,877.00	3,707.00	4,393.00	4,174.00	5,546.00	-	-
<b>Est.Wgt. (Lbs.)</b>		48.0	61.50	70.7	125.3	150.7	189.3	271.1	437.3	605.5

\* See "TEE FLOW ARRANGEMENTS" below

* VOLTAGE SUFFIX		
<b>1</b> = 12V AC/DC	<b>2</b> = 24V AC/DC	<b>3</b> = 100-240V AC

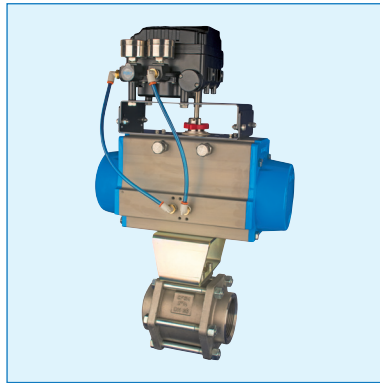
**TEE FLOW ARRANGEMENTS**



**NEW**



710190V (NPT) 710061 (SW), 2-way, 3-piece Stainless Steel, 1000 WOG 250 WSP, Full Port V-Ball Valve



With double acting pneumatic actuator and pneumatic PNP-B 3-15 psi positioner

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
PP710190V36DA (NPT)	30-60°	US\$	966.00	1,051.00	1,095.00	1,133.00	1,232.00	1,448.00	2,044.00	2,389.00	3,846.00
PP710061V36DA (SW)	30-60°	US\$	966.00	1,051.00	1,095.00	1,133.00	1,232.00	1,448.00	2,044.00	2,389.00	3,846.00
PP710190V6DA (NPT)	60°	US\$	966.00	1,051.00	1,095.00	1,133.00	1,232.00	1,448.00	2,044.00	2,389.00	3,846.00
PP710061V6DA (SW)	60°	US\$	966.00	1,051.00	1,095.00	1,133.00	1,232.00	1,448.00	2,044.00	2,389.00	3,846.00
PP710190V9DA (NPT)	90°	US\$	966.00	1,051.00	1,095.00	1,133.00	1,232.00	1,448.00	2,044.00	2,389.00	3,846.00
PP710061V9DA (SW)	90°	US\$	966.00	1,051.00	1,095.00	1,133.00	1,232.00	1,448.00	2,044.00	2,389.00	3,846.00
<b>ACT.</b>			DA32V	DA52V	DA52V	DA52V	DA63V	DA75V	DA85V	DA85V	DA100V
<b>Bracket</b>			RI3789	RI3781	RI3030	RI3030	RI3031	RI3003	RI3003	RI3003	RI3004
<b>Positioner</b>			PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B
<b>Weight (Lbs)</b>			12.4	13.4	16.5	18.9	25.4	31.3	42.9	59.1	82.5

With spring return pneumatic actuator and pneumatic PNP-B 3-15 psi positioner.

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
PP710190V36SR (NPT)	30-60°	US\$	1,033.00	1,092.00	1,137.00	1,175.00	1,364.00	1,602.00	2,322.00	2,747.00	4,117.00
PP710061V36SR (SW)	30-60°	US\$	1,033.00	1,092.00	1,137.00	1,175.00	1,364.00	1,602.00	2,322.00	2,747.00	4,117.00
PP710190V6SR (NPT)	60°	US\$	1,033.00	1,092.00	1,137.00	1,175.00	1,364.00	1,602.00	2,322.00	2,747.00	4,117.00
PP710061V6SR (SW)	60°	US\$	1,033.00	1,092.00	1,137.00	1,175.00	1,364.00	1,602.00	2,322.00	2,747.00	4,117.00
PP710190V9SR (NPT)	90°	US\$	1,033.00	1,092.00	1,137.00	1,175.00	1,364.00	1,602.00	2,322.00	2,747.00	4,117.00
PP710061V9SR (SW)	90°	US\$	1,033.00	1,092.00	1,137.00	1,175.00	1,364.00	1,602.00	2,322.00	2,747.00	4,117.00
<b>ACT.</b>			SR52V	SR63V	SR63V	SR63V	SR85V	SR100V	SR115V	SR125V	SR125V
<b>Bracket</b>			RI3789	RI3781	RI3030	RI3030	RI3031	RI3003	RI3003	RI3003	RI3004
<b>Positioner</b>			PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B
<b>Weight (Lbs)</b>			12.4	13.4	16.5	18.9	25.4	31.3	42.9	59.1	82.5

With double acting pneumatic actuator and electro-pneumatic ENP-B 4-20mA psi positioner.



SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
EP710190V36DA (NPT)	30-60°	US\$	1,037.00	1,122.00	1,166.00	1,204.00	1,303.00	1,519.00	2,115.00	2,460.00	3,917.00
EP710061V36DA (SW)	30-60°	US\$	1,037.00	1,122.00	1,166.00	1,204.00	1,303.00	1,519.00	2,115.00	2,460.00	3,917.00
EP710190V6DA (NPT)	60°	US\$	1,037.00	1,122.00	1,166.00	1,204.00	1,303.00	1,519.00	2,115.00	2,460.00	3,917.00
EP710061V6DA (SW)	60°	US\$	1,037.00	1,122.00	1,166.00	1,204.00	1,303.00	1,519.00	2,115.00	2,460.00	3,917.00
EP710190V9DA (NPT)	90°	US\$	1,037.00	1,122.00	1,166.00	1,204.00	1,303.00	1,519.00	2,115.00	2,460.00	3,917.00
EP710061V9DA (SW)	90°	US\$	1,037.00	1,122.00	1,166.00	1,204.00	1,303.00	1,519.00	2,115.00	2,460.00	3,917.00
<b>ACT.</b>			DA32V	DA52V	DA52V	DA52V	DA63V	DA75V	DA85V	DA85V	DA100V
<b>Bracket</b>			RI3789	RI3781	RI3030	RI3030	RI3031	RI3003	RI3003	RI3003	RI3004
<b>Positioner</b>			ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B
<b>Weight (Lbs)</b>			12.4	13.4	16.5	18.9	25.4	31.3	42.9	59.1	82.5

With spring return pneumatic actuator and electro-pneumatic ENP-B 4-20mA psi positioner.

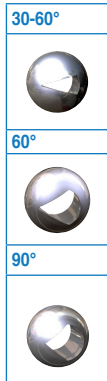
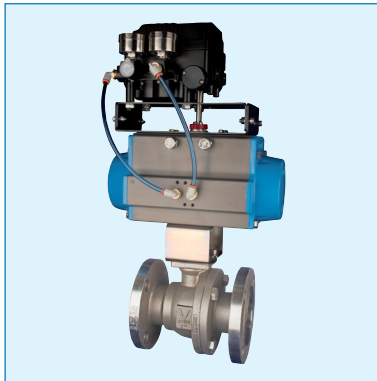
SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
EP710190V36SR (NPT)	30-60°	US\$	1,104.00	1,163.00	1,208.00	1,246.00	1,435.00	1,673.00	2,393.00	2,818.00	4,188.00
EP710061V36SR (SW)	30-60°	US\$	1,104.00	1,163.00	1,208.00	1,246.00	1,435.00	1,673.00	2,393.00	2,818.00	4,188.00
EP710190V6SR (NPT)	60°	US\$	1,104.00	1,163.00	1,208.00	1,246.00	1,435.00	1,673.00	2,393.00	2,818.00	4,188.00
EP710061V6SR (SW)	60°	US\$	1,104.00	1,163.00	1,208.00	1,246.00	1,435.00	1,673.00	2,393.00	2,818.00	4,188.00
EP710190V9SR (NPT)	90°	US\$	1,104.00	1,163.00	1,208.00	1,246.00	1,435.00	1,673.00	2,393.00	2,818.00	4,188.00
EP710061V9SR (SW)	90°	US\$	1,104.00	1,163.00	1,208.00	1,246.00	1,435.00	1,673.00	2,393.00	2,818.00	4,188.00
<b>ACT.</b>			SR52V	SR63V	SR63V	SR63V	SR85V	SR100V	SR115V	SR125V	SR125V
<b>Bracket</b>			RI3789	RI3781	RI3030	RI3030	RI3031	RI3003	RI3003	RI3003	RI3004
<b>Positioner</b>			ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B
<b>Weight (Lbs)</b>			12.4	13.4	16.5	18.9	25.4	31.3	42.9	59.1	82.5

**NEW**



760021V36 - 760021V6 - 760021V9, 2-way, Stainless Steel, ANSI 150 Flanged, V-port ball valve.

With double acting pneumatic actuator and pneumatic PNP-B 3-15 psi positioner



SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"
PP760021V36DA	30-60°	US\$	1,062.00	1,161.00	1,231.00	1,466.00	1,775.00	2,669.00	3,164.00	6,695.00
PP760021V6DA	60°	US\$	1,062.00	1,161.00	1,231.00	1,466.00	1,775.00	2,669.00	3,164.00	6,695.00
PP760021V9DA	90°	US\$	1,062.00	1,161.00	1,231.00	1,466.00	1,775.00	2,669.00	3,164.00	6,695.00
ACT.			DA32V	DA52V	DA52V	DA63V	DA75V	DA85V	DA100V	DA125V
Bracket			RI3789	RI3781	RI3030	RI3031	RI3003	RI3003	RI3004	RI3554
Positioner			PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B
Weight (Lbs)			12.4	13.4	16.5	25.4	31.3	59.1	82.5	197.8

With spring return pneumatic actuator and pneumatic PNP-B 3-15 psi positioner

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"
PP760021V36SR	30-60°	US\$	1,131.00	1,200.00	1,277.00	1,599.00	1,929.00	3,019.00	3,439.00	7,459.00
PP760021V6SR	60°	US\$	1,131.00	1,200.00	1,277.00	1,599.00	1,929.00	3,019.00	3,439.00	7,459.00
PP760021V9SR	90°	US\$	1,131.00	1,200.00	1,277.00	1,599.00	1,929.00	3,019.00	3,439.00	7,459.00
ACT.			SR52V	SR63V	SR63V	SR85V	SR100V	SR125V	SR125V	SR160V
Bracket			RI3789	RI3781	RI3030	RI3031	RI3003	RI3003	RI3004	RI3554
Positioner			PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B	PNP-B
295.3Weight (Lbs)			14.2	18.4	23.4	34.7	50.4	112.0	184.3	295.3

With double acting pneumatic actuator and electro-pneumatic ENP-B 4-20mA psi positioner

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"
EP760021V36DA	30-60°	US\$	1,133.00	1,232.00	1,302.00	1,537.00	1,846.00	2,740.00	3,235.00	6,766.00
EP760021V6DA	60°	US\$	1,133.00	1,232.00	1,302.00	1,537.00	1,846.00	2,740.00	3,235.00	6,766.00
PP760021V9DA	90°	US\$	1,133.00	1,232.00	1,302.00	1,537.00	1,846.00	2,740.00	3,235.00	6,766.00
ACT.			DA32V	DA52V	DA52V	DA63V	DA75V	DA85V	DA100V	DA125V
Bracket			RI3789	RI3781	RI3030	RI3031	RI3003	RI3003	RI3004	RI3010
Positioner			ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B
Weight (Lbs)			14.4	15.4	18.5	27.4	33.3	61.1	84.5	199.8

With spring return pneumatic actuator and electro-pneumatic ENP-B 4-20mA psi positioner

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"
EP760021V36SR	30-60°	US\$	1,202.00	1,271.00	1,348.00	1,670.00	2,000.00	3,090.00	3,510.00	7,530.00
EP760021V6SR	60°	US\$	1,202.00	1,271.00	1,348.00	1,670.00	2,000.00	3,090.00	3,510.00	7,530.00
EP760021V9SR	90°	US\$	1,202.00	1,271.00	1,348.00	1,670.00	2,000.00	3,090.00	3,510.00	7,530.00
ACT.			SR52V	SR63V	SR63V	SR85V	SR100V	SR125V	SR125V	SR160V
Bracket			RI3789	RI3781	RI3030	RI3031	RI3003	RI3003	RI3004	RI3554
Positioner			ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B	ENP-B
Weight (Lbs)			16.2	20.4	25.4	36.7	52.4	114.0	186.3	297.3



SIZE		1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"
M8E760021V36-02*									
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB110M	VB190M	VB350M
12VDC	US\$	1,491.00	1,532.00	1,602.00	2,036.00	2,292.00	3,524.00	4,017.00	7,835.00
24V AC/DC	US\$	1,410.00	1,451.00	1,521.00	1,938.00	2,194.00	3,446.00	3,935.00	7,738.00
100-240 VAC	US\$	1,491.00	1,532.00	1,602.00	2,036.00	2,292.00	3,524.00	4,017.00	7,835.00
M8E760021V6-02*									
12VDC	US\$	1,491.00	1,532.00	1,602.00	2,036.00	2,292.00	3,524.00	4,017.00	7,835.00
24V AC/DC	US\$	1,410.00	1,451.00	1,521.00	1,938.00	2,194.00	3,446.00	3,935.00	7,738.00
100-240 VAC	US\$	1,491.00	1,532.00	1,602.00	2,036.00	2,292.00	3,524.00	4,017.00	7,835.00
M8E760021V9-02*									
12VDC	US\$	1,491.00	1,532.00	1,602.00	2,036.00	2,292.00	3,524.00	4,017.00	7,835.00
24V AC/DC	US\$	1,410.00	1,451.00	1,521.00	1,938.00	2,194.00	3,446.00	3,935.00	7,738.00
100-240 VAC	US\$	1,491.00	1,532.00	1,602.00	2,036.00	2,292.00	3,524.00	4,017.00	7,835.00
Bracket		RI3519	RI3519	RI3520	RI3521	RI4039	RI3523	RI3522	RI3553
Weight (Lbs)		12.3	14.4	16.7	23.5	34.0	68.0	88.0	203.0

SIZE		1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"
M8E760021V36-04*									
ACT.		VB030M	VB030M	VB030M	VB060M	VB110M	VB110M	VB190M	VB350M
24V AC/DC	US\$	1,801.00	1,842.00	1,912.00	2,200.00	2,456.00	3,672.00	4,244.00	8,113.00
100-240 VAC	US\$	1,883.00	1,924.00	1,994.00	2,282.00	2,538.00	3,737.00	4,315.00	8,196.00
M8E760021V6-04*									
24V AC/DC	US\$	1,801.00	1,842.00	1,912.00	2,200.00	2,456.00	3,672.00	4,244.00	8,113.00
100-240 VAC	US\$	1,883.00	1,924.00	1,994.00	2,282.00	2,538.00	3,737.00	4,315.00	8,196.00
M8E760021V9-04*									
24V AC/DC	US\$	1,801.00	1,842.00	1,912.00	2,200.00	2,456.00	3,672.00	4,244.00	8,113.00
100-240 VAC	US\$	1,883.00	1,924.00	1,994.00	2,282.00	2,538.00	3,737.00	4,315.00	8,196.00
Bracket		RI3519	RI3519	RI3520	RI3521	RI4039	RI3523	RI3522	RI3553
Weight (Lbs)		12.3	14.4	16.7	23.5	34.0	68.0	88.0	203.0



V300-V600-V900 direct mount, 2-way, 3-piece stainless steel, 1,000 psi, FNPT threaded V-port ball valve.



With double acting pneumatic actuator and pneumatic PNP-B 3-15 psi positioner.

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
PPV300DA-PPV310DA	30°	US\$	956.00	982.00	1,018.00	1,082.00	1,149.00	1,328.00	1,872.00	2,191.00	3,542.00
PPV600DA-PPV610DA	60°	US\$	956.00	982.00	1,018.00	1,082.00	1,149.00	1,328.00	1,872.00	2,191.00	3,542.00
PPV900DA-PPV910DA	90°	US\$	956.00	982.00	1,018.00	1,082.00	1,149.00	1,328.00	1,872.00	2,191.00	3,542.00
ACT.			DA52	DA52	DA52	DA63	DA63	DA63	DA85	DA85	DA100
Weight (Lbs)			8.3	8.6	9.3	11.5	13.6	15.7	26.3	36.8	64.2

With spring return actuator and pneumatic PNP-B 3-15 psi positioner.

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
PPV300SR-PPV310SR	30°	US\$	1,003.00	1,029.00	1,143.00	1,213.00	1,377.00	1,482.00	2,223.00	2,542.00	4,384.00
PPV600SR-PPV610SR	60°	US\$	1,003.00	1,029.00	1,143.00	1,213.00	1,377.00	1,482.00	2,223.00	2,542.00	4,384.00
PPV900SR-PPV910SR	90°	US\$	1,003.00	1,029.00	1,143.00	1,213.00	1,377.00	1,482.00	2,223.00	2,542.00	4,384.00
ACT.			SR63	SR63	SR75	SR85	SR85	SR100	SR115	SR125	SR160
Weight (Lbs)			10.1	10.4	14.0	17.6	19.7	26.8	42.8	56.2	118.2

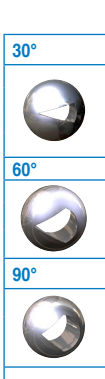


With double acting pneumatic actuator and electro-pneumatic ENP-B 4-20mA positioner.

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
EPV300DA-EPV310DA	30°	US\$	1,027.00	1,053.00	1,089.00	1,153.00	1,220.00	1,399.00	1,943.00	2,262.00	3,613.00
EPV600DA-EPV610DA	60°	US\$	1,027.00	1,053.00	1,089.00	1,153.00	1,220.00	1,399.00	1,943.00	2,262.00	3,613.00
EPV900DA-EPV910DA	90°	US\$	1,027.00	1,053.00	1,089.00	1,153.00	1,220.00	1,399.00	1,943.00	2,262.00	3,613.00
ACT.			DA52	DA52	DA52	DA63	DA63	DA63	DA85	DA85	DA100
Weight (Lbs)			10.0	10.3	11.0	13.2	15.3	17.4	28.0	38.5	65.9

With spring return actuator electro-pneumatic ENP-B 4-20mA positioner.

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
EPV300SR-EPV310SR	30°	US\$	1,074.00	1,100.00	1,214.00	1,284.00	1,448.00	1,553.00	2,294.00	2,613.00	4,455.00
EPV600SR-EPV610SR	60°	US\$	1,074.00	1,100.00	1,214.00	1,284.00	1,448.00	1,553.00	2,294.00	2,613.00	4,455.00
EPV900SR-EPV910SR	90°	US\$	1,074.00	1,100.00	1,214.00	1,284.00	1,448.00	1,553.00	2,294.00	2,613.00	4,455.00
ACT.			SR52	SR63	SR75	SR85	SR85	SR100	SR115	SR115	SR160
Weight (Lbs)			11.8	12.1	15.7	19.3	21.4	28.5	44.5	57.9	119.9






SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
30°	EV300-02* (NPT) - EV310-02* (SW)	V3"0 with positioning plastic electric actuator.								
	ACT.	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB110	VB190
	12VDC	US\$ 1,161.00	1,187.00	1,223.00	1,254.00	1,391.00	1,496.00	2,109.00	2,428.00	3,666.00
	24V AC/DC	US\$ 1,068.00	1,094.00	1,130.00	1,161.00	1,298.00	1,403.00	2,017.00	2,336.00	3,567.00
	100-240 VAC	US\$ 1,161.00	1,187.00	1,223.00	1,254.00	1,391.00	1,496.00	2,109.00	2,428.00	3,666.00
60°	EV600-02* (NPT) - EV610-02* (SW)	V6"0 with positioning plastic electric actuator.								
	12VDC	US\$ 1,161.00	1,187.00	1,223.00	1,254.00	1,391.00	1,496.00	2,109.00	2,428.00	3,666.00
	24V AC/DC	US\$ 1,068.00	1,094.00	1,130.00	1,161.00	1,298.00	1,403.00	2,017.00	2,336.00	3,567.00
	100-240 VAC	US\$ 1,161.00	1,187.00	1,223.00	1,254.00	1,391.00	1,496.00	2,109.00	2,428.00	3,666.00
90°	EV900-02* (NPT) - EV910-02* (SW)	V9"0 with positioning plastic electric actuator.								
	12VDC	US\$ 1,180.00	1,206.00	1,242.00	1,274.00	1,411.00	1,516.00	2,138.00	2,457.00	3,695.00
	24V AC/DC	US\$ 1,087.00	1,113.00	1,149.00	1,181.00	1,318.00	1,423.00	2,046.00	2,365.00	3,596.00
	100-240 VAC	US\$ 1,180.00	1,206.00	1,242.00	1,274.00	1,411.00	1,516.00	2,138.00	2,457.00	3,695.00
	Weight (Lbs)	6.4	6.7	7.4	8.5	12.8	14.9	24.9	35.4	59.2






SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
30°	MEV300-02* (NPT) - MEV310-02* (SW)	V3"0 with positioning metal electric actuator.								
	ACT.	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M
	12VDC	US\$ 1,327.00	1,353.00	1,389.00	1,420.00	1,719.00	1,824.00	2,727.00	3,046.00	4,293.00
	24V AC/DC	US\$ 1,246.00	1,272.00	1,308.00	1,339.00	1,621.00	1,726.00	2,649.00	2,968.00	4,211.00
	100-240 VAC	US\$ 1,327.00	1,353.00	1,389.00	1,420.00	1,719.00	1,824.00	2,727.00	3,046.00	4,293.00
60°	MEV600-02* (NPT) - MEV610-02* (SW)	V6"0 with positioning metal electric actuator.								
	12VDC	US\$ 1,327.00	1,353.00	1,389.00	1,420.00	1,719.00	1,824.00	2,727.00	3,046.00	4,293.00
	24V AC/DC	US\$ 1,246.00	1,272.00	1,308.00	1,339.00	1,621.00	1,726.00	2,649.00	2,968.00	4,211.00
	100-240 VAC	US\$ 1,327.00	1,353.00	1,389.00	1,420.00	1,719.00	1,824.00	2,727.00	3,046.00	4,293.00
90°	MEV900-02* (NPT) - MEV910-02* (SW)	V9"0 with positioning metal electric actuator.								
	12VDC	US\$ 1,346.00	1,372.00	1,408.00	1,440.00	1,739.00	1,844.00	2,756.00	3,075.00	4,322.00
	24V AC/DC	US\$ 1,265.00	1,291.00	1,327.00	1,359.00	1,641.00	1,746.00	2,678.00	2,997.00	4,240.00
	100-240 VAC	US\$ 1,346.00	1,372.00	1,408.00	1,440.00	1,739.00	1,844.00	2,756.00	3,075.00	4,322.00
	Weight (Lbs)	10.6	11.0	11.7	12.8	16.0	18.0	33.0	44.0	68.0

V300-V600-V900 direct mount, 2-way, 3-piece stainless steel, 1,000 psi, FNPT threaded V-port ball valve.



SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>30°</b>	<b>EV300-04* (NPT) - EV310-04* (SW)</b>	V3*0 with positioning plastic electric actuator w/battery backup.								
	<b>ACT.</b>	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB110	VB190
	24V AC/DC US\$	1,317.00	1,343.00	1,379.00	1,410.00	1,555.00	1,660.00	2,328.00	2,647.00	3,900.00
	100-240 VAC US\$	1,400.00	1,426.00	1,462.00	1,493.00	1,632.00	1,737.00	2,407.00	2,726.00	3,985.00
<b>60°</b>	<b>EV600-04* (NPT) - EV610-04* (SW)</b>	V6*0 with positioning plastic electric actuator w/battery backup.								
	<b>ACT.</b>	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB110	VB190
	24V AC/DC US\$	1,317.00	1,343.00	1,379.00	1,410.00	1,555.00	1,660.00	2,328.00	2,647.00	3,900.00
	100-240 VAC US\$	1,400.00	1,426.00	1,462.00	1,493.00	1,632.00	1,737.00	2,407.00	2,726.00	3,985.00
<b>90°</b>	<b>EV900-04* (NPT) - EV910-04* (SW)</b>	V9*0 with positioning plastic electric actuator w/battery backup.								
	<b>ACT.</b>	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB110	VB190
	24V AC/DC US\$	1,317.00	1,343.00	1,379.00	1,410.00	1,555.00	1,660.00	2,328.00	2,647.00	3,900.00
	100-240 VAC US\$	1,400.00	1,426.00	1,462.00	1,493.00	1,632.00	1,737.00	2,407.00	2,726.00	3,985.00
	<b>Weight (Lbs)</b>	6.4	6.7	7.4	8.5	12.8	14.9	24.9	35.4	59.2



SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>30°</b>	<b>MEV300-04* (NPT) - MEV310-04* (SW)</b>	V3*0 with positioning metal electric actuator.								
	<b>ACT.</b>	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M
	24V AC/DC US\$	1,637.00	1,663.00	1,699.00	1,730.00	1,883.00	1,988.00	2,875.00	3,194.00	4,520.00
	100-240 VAC US\$	1,719.00	1,745.00	1,781.00	1,812.00	1,965.00	2,070.00	2,940.00	3,259.00	4,591.00
<b>60°</b>	<b>MEV600-04* (NPT) - MEV610-04* (SW)</b>	V6*0 with positioning metal electric actuator.								
	<b>ACT.</b>	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M
	24V AC/DC US\$	1,637.00	1,663.00	1,699.00	1,730.00	1,883.00	1,988.00	2,875.00	3,194.00	4,520.00
	100-240 VAC US\$	1,719.00	1,745.00	1,781.00	1,812.00	1,965.00	2,070.00	2,940.00	3,259.00	4,591.00
<b>90°</b>	<b>MEV900-04* (NPT) - MEV910-04* (SW)</b>	V9*0 with positioning metal electric actuator.								
	<b>ACT.</b>	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB110M	VB190M
	24V AC/DC US\$	1,637.00	1,663.00	1,699.00	1,730.00	1,883.00	1,988.00	2,875.00	3,194.00	4,520.00
	100-240 VAC US\$	1,719.00	1,745.00	1,781.00	1,812.00	1,965.00	2,070.00	2,940.00	3,259.00	4,591.00
	<b>Weight (Lbs)</b>	10.6	11.0	11.7	12.8	16.0	18.0	33.0	44.0	68.0

* VOLTAGE SUFFIX		
<b>1</b> = 12V AC/DC	<b>2</b> = 24V AC/DC	<b>3</b> = 100-240V AC



SIZE		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
M8E710190V36-02* (NPT) - M8E710061V36-02* (SW)		With fail-safe battery back-up metal electric actuator.								
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB110M	VB110M	VB110M	VB190M
12VDC	US\$	1,388.00	1,417.00	1,461.00	1,499.00	1,797.00	1,943.00	2,891.00	3,236.00	4,713.00
24V AC/DC	US\$	1,307.00	1,336.00	1,380.00	1,418.00	1,699.00	1,845.00	2,813.00	3,158.00	4,631.00
100-240 VAC	US\$	1,388.00	1,417.00	1,461.00	1,499.00	1,797.00	1,943.00	2,891.00	3,236.00	4,713.00
M8E710190V6-02* (NPT) - M8E710061V6-02* (SW)		With fail-safe battery back-up metal electric actuator.								
12VDC	US\$	1,388.00	1,417.00	1,461.00	1,499.00	1,797.00	1,943.00	2,891.00	3,236.00	4,713.00
24V AC/DC	US\$	1,307.00	1,336.00	1,380.00	1,418.00	1,699.00	1,845.00	2,813.00	3,158.00	4,631.00
100-240 VAC	US\$	1,388.00	1,417.00	1,461.00	1,499.00	1,797.00	1,943.00	2,891.00	3,236.00	4,713.00
M8E710190V9-02* (NPT) - M8E710061V9-02* (SW)		With fail-safe battery back-up metal electric actuator.								
12VDC	US\$	1,388.00	1,417.00	1,461.00	1,499.00	1,797.00	1,943.00	2,891.00	3,236.00	4,713.00
24V AC/DC	US\$	1,307.00	1,336.00	1,380.00	1,418.00	1,699.00	1,845.00	2,813.00	3,158.00	4,631.00
100-240 VAC	US\$	1,388.00	1,417.00	1,461.00	1,499.00	1,797.00	1,943.00	2,891.00	3,236.00	4,713.00
Bracket		RI3789	RI3781	RI3030	RI3030	RI3031	RI3003	RI3003	RI3003	RI3004
Weight (Lbs)		13.3	14.3	16.1	18.5	31.0	37.0	43.0	60.0	77.0

SIZE		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
M8E710190V36-04* (NPT) M8E710061V36-04* (SW)		With fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metalelectric actuators								
ACT.		VB030M	VB030M	VB030M	VB030M	VB060M	VB110M	VB110M	VB110M	VB190M
24V AC/DC	US\$	1,698.00	1,727.00	1,771.00	1,809.00	1,961.00	2,107.00	3,039.00	3,384.00	4,940.00
100-240 VAC	US\$	1,780.00	1,809.00	1,853.00	1,891.00	2,043.00	2,189.00	3,039.00	3,384.00	5,011.00
M8E710190V6-4* (NPT) M8E710061V6-04* (SW)		With fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metal electric actuators								
24V AC/DC	US\$	1,698.00	1,727.00	1,771.00	1,809.00	1,961.00	2,107.00	3,039.00	3,384.00	4,940.00
100-240 VAC	US\$	1,780.00	1,809.00	1,853.00	1,891.00	2,043.00	2,189.00	3,039.00	3,384.00	5,011.00
M8E710190V9-04* (NPT) M8E710061V9-04* (SW)		With fail-safe battery backup and with 0-10VDC or 4-20 mA positioning metal electric actuators								
24V AC/DC	US\$	1,698.00	1,727.00	1,771.00	1,809.00	1,961.00	2,107.00	3,039.00	3,384.00	4,940.00
100-240 VAC	US\$	1,780.00	1,809.00	1,853.00	1,891.00	2,043.00	2,189.00	3,039.00	3,384.00	5,011.00
Bracket		RI3789	RI3781	RI3030	RI3030	RI3031	RI3031	RI3003	RI3003	RI3004
Weight (Lbs)		13.3	14.3	16.1	18.5	31.0	37.0	43.0	60.0	77.0

VF300-VF600-VF900 direct mount, 2-way, stainless steel, ANSI 150 flanged, V-port ball valve.

With double acting pneumatic actuator and PNP-B 3-15 psi positioner.



30°	
60°	
90°	

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
PPVF300DA	30°	US\$	1,049.00	1,100.00	1,213.00	1,286.00	1,496.00	1,726.00	2,395.00	2,659.00	3,299.00	7,221.00
PPVF600DA	60°	US\$	1,049.00	1,100.00	1,213.00	1,286.00	1,496.00	1,726.00	2,395.00	2,659.00	3,299.00	7,221.00
PPVF900DA	90°	US\$	1,049.00	1,100.00	1,213.00	1,286.00	1,496.00	1,726.00	2,395.00	2,659.00	3,299.00	7,221.00
ACT.			DA52V	DA52V	DA63V	DA63V	DA63V	DA75V	DA75V	DA100V	DA115V	DA125V
Weight (Lbs)			12.4	13.4	16.5	18.9	25.4	31.3	42.9	59.1	82.5	197.8

With spring return actuator and PNP-B 3-15 psi positioner.

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
PPVF300SR	30°	US\$	1,094.00	1,228.00	1,349.00	1,422.00	1,650.00	2,026.00	2,977.00	3,636.00	4,150.00	8,469.00
PPVF600SR	60°	US\$	1,094.00	1,228.00	1,349.00	1,422.00	1,650.00	2,026.00	2,977.00	3,636.00	4,150.00	8,469.00
PPVF900SR	90°	US\$	1,094.00	1,228.00	1,349.00	1,422.00	1,650.00	2,026.00	2,977.00	3,636.00	4,150.00	8,469.00
ACT.			SR63V	SR75V	SR85V	SR85V	SR100V	SR115V	SR125V	SR160V	SR160V	SR180V
Weight (Lbs)			14.2	18.4	23.4	25.8	34.7	50.4	61.8	112.0	184.3	295.3

With double acting pneumatic actuator and ENP-B 4-20mA positioner.



30°	
60°	
90°	

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
EPVF300DA	30°	US\$	1,120.00	1,171.00	1,284.00	1,357.00	1,567.00	1,797.00	2,466.00	2,730.00	3,370.00	7,292.00
EPVF600DA	60°	US\$	1,120.00	1,171.00	1,284.00	1,357.00	1,567.00	1,797.00	2,466.00	2,730.00	3,370.00	7,292.00
EPVF900DA	90°	US\$	1,120.00	1,171.00	1,284.00	1,357.00	1,567.00	1,797.00	2,466.00	2,730.00	3,370.00	7,292.00
ACT.			DA52V	DA52V	DA63V	DA63V	DA75V	DA75V	DA100V	DA100V	DA115V	DA125V
Weight (Lbs)			14.4	15.4	18.5	20.9	27.4	33.3	44.9	61.1	84.5	199.8

With spring return actuator and ENP-B 4-20mA positioner.

SIZE	V-BALL ANGLE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
EPVF300SR	30°	US\$	1,165.00	1,299.00	1,420.00	1,493.00	1,721.00	2,097.00	3,048.00	3,707.00	4,221.00	8,540.00
EPVF600SR	60°	US\$	1,165.00	1,299.00	1,420.00	1,493.00	1,721.00	2,097.00	3,048.00	3,707.00	4,221.00	8,540.00
EPVF900SR	90°	US\$	1,165.00	1,299.00	1,420.00	1,493.00	1,721.00	2,097.00	3,048.00	3,707.00	4,221.00	8,540.00
ACT.			SR63V	SR75V	SR85V	SR85V	SR100V	SR115V	SR125V	SR160V	SR160V	SR180V
Weight (Lbs)			16.2	20.4	25.4	27.8	36.7	52.4	63.8	114.0	186.3	297.3



30°	
60°	
90°	

SIZE			1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
VF300 with plastic electric actuator.												
ACT.			VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	VB350
12VDC	US\$		1,254.00	1,305.00	1,387.00	1,460.00	1,664.00	1,894.00	2,559.00	2,909.00	3,523.00	7,426.00
24V AC/DC	US\$		1,161.00	1,212.00	1,294.00	1,367.00	1,571.00	1,801.00	2,467.00	2,810.00	3,424.00	7,320.00
100-240 VAC	US\$		1,254.00	1,305.00	1,387.00	1,460.00	1,664.00	1,894.00	2,559.00	2,909.00	3,523.00	7,426.00
VF600 with plastic electric actuator.												
ACT.			VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	VB350
12VDC	US\$		1,254.00	1,305.00	1,387.00	1,460.00	1,664.00	1,894.00	2,559.00	2,909.00	3,523.00	7,426.00
24V AC/DC	US\$		1,161.00	1,212.00	1,294.00	1,367.00	1,571.00	1,801.00	2,467.00	2,810.00	3,424.00	7,320.00
100-240 VAC	US\$		1,254.00	1,305.00	1,387.00	1,460.00	1,664.00	1,894.00	2,559.00	2,909.00	3,523.00	7,426.00
VF900 with plastic electric actuator.												
ACT.			VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	VB350
12VDC	US\$		1,254.00	1,305.00	1,387.00	1,460.00	1,664.00	1,894.00	2,559.00	2,909.00	3,523.00	7,426.00
24V AC/DC	US\$		1,161.00	1,212.00	1,294.00	1,367.00	1,571.00	1,801.00	2,467.00	2,810.00	3,424.00	7,320.00
100-240 VAC	US\$		1,254.00	1,305.00	1,387.00	1,460.00	1,664.00	1,894.00	2,559.00	2,909.00	3,523.00	7,426.00
Weight (Lbs)			9.1	10.1	11.9	14.3	21.0	27.0	36.0	52.0	68.0	183.0



30°	
60°	
90°	

SIZE			1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
VF300 with metal electric actuator.												
ACT.			VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB270M	VB350M
12VDC	US\$		1,415.00	1,466.00	1,548.00	1,621.00	1,987.00	2,217.00	3,169.00	3,526.00	4,303.00	8,321.00
24V AC/DC	US\$		1,334.00	1,385.00	1,467.00	1,540.00	1,889.00	2,119.00	3,091.00	3,444.00	4,212.00	8,224.00
100-240 VAC	US\$		1,415.00	1,466.00	1,548.00	1,621.00	1,987.00	2,217.00	3,169.00	3,526.00	4,303.00	8,321.00
VF600 with metal electric actuator.												
ACT.			VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB270M	VB350M
12VDC	US\$		1,415.00	1,466.00	1,548.00	1,621.00	1,987.00	2,217.00	3,169.00	3,526.00	4,303.00	8,321.00
24V AC/DC	US\$		1,334.00	1,385.00	1,467.00	1,540.00	1,889.00	2,119.00	3,091.00	3,444.00	4,212.00	8,224.00
100-240 VAC	US\$		1,415.00	1,466.00	1,548.00	1,621.00	1,987.00	2,217.00	3,169.00	3,526.00	4,303.00	8,321.00
VF900 with metal electric actuator.												
ACT.			VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB270M	VB350M
12VDC	US\$		1,415.00	1,466.00	1,548.00	1,621.00	1,987.00	2,217.00	3,169.00	3,526.00	4,303.00	8,321.00
24V AC/DC	US\$		1,334.00	1,385.00	1,467.00	1,540.00	1,889.00	2,119.00	3,091.00	3,444.00	4,212.00	8,224.00
100-240 VAC	US\$		1,415.00	1,466.00	1,548.00	1,621.00	1,987.00	2,217.00	3,169.00	3,526.00	4,303.00	8,321.00
Weight (Lbs)			13.3	14.3	16.1	18.5	31.0	37.0	43.0	60.0	77.0	192

VF300-VF600-VF900 direct mounth, 2-way, stainless steel, ANSI 150 flanged, V-port ball valve.



SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4	6"
30°	<b>EVF300-04*</b>	VF300 with battery backup and plastic electric actuator.									
	ACT.	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	VB350
	24V AC/DC	US\$ 1,410.00	1,461.00	1,543.00	1,616.00	1,828.00	2,058.00	2,778.00	3,143.00	3,768.00	7,687.00
	100-240 VAC	US\$ 1,493.00	1,544.00	1,626.00	1,699.00	1,905.00	2,135.00	2,857.00	3,228.00	3,851.00	7,775.00
60°	<b>EVF600-04*</b>	VF600 with battery backup and plastic electric actuator.									
	ACT.	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	VB350
	24V AC/DC	US\$ 1,410.00	1,461.00	1,543.00	1,616.00	1,828.00	2,058.00	2,778.00	3,143.00	3,768.00	7,687.00
	100-240 VAC	US\$ 1,493.00	1,544.00	1,626.00	1,699.00	1,905.00	2,135.00	2,857.00	3,228.00	3,851.00	7,775.00
90°	<b>EVF900-04*</b>	VF900 with battery backup and plastic electric actuator.									
	ACT.	VB030	VB030	VB030	VB030	VB060	VB060	VB110	VB190	VB270	VB350
	24V AC/DC	US\$ 1,410.00	1,461.00	1,543.00	1,616.00	1,828.00	2,058.00	2,778.00	3,143.00	3,768.00	7,687.00
	100-240 VAC	US\$ 1,493.00	1,544.00	1,626.00	1,699.00	1,905.00	2,135.00	2,857.00	3,228.00	3,851.00	7,775.00
<b>Weight (Lbs)</b>		9.1	10.1	11.9	14.3	21.0	27.0	36.0	52.0	68.0	183.0



SIZE		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4	6"
30°	<b>MEVF300-04*</b>	VF300 with battery backup metal electric actuator.									
	ACT.	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB270M	VB350M
	24V AC/DC	US\$ 1,725.00	1,776.00	1,858.00	1,931.00	2,151.00	2,381.00	3,317.00	3,753.00	4,556.00	8,599.00
	100-240 VAC	US\$ 1,807.00	1,858.00	1,940.00	2,013.00	2,233.00	2,463.00	3,382.00	3,824.00	4,632.00	8,682.00
60°	<b>MEVF600-04*</b>	VF600 with battery backup metal electric actuator.									
	ACT.	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB270M	VB350M
	24V AC/DC	US\$ 1,725.00	1,776.00	1,858.00	1,931.00	2,151.00	2,381.00	3,317.00	3,753.00	4,556.00	8,599.00
	100-240 VAC	US\$ 1,807.00	1,858.00	1,940.00	2,013.00	2,233.00	2,463.00	3,382.00	3,824.00	4,632.00	8,682.00
90°	<b>MEVF900-04*</b>	VF900 with battery backup metal electric actuator.									
	ACT.	VB030M	VB030M	VB030M	VB030M	VB060M	VB060M	VB110M	VB190M	VB270M	VB350M
	24V AC/DC	US\$ 1,725.00	1,776.00	1,858.00	1,931.00	2,151.00	2,381.00	3,317.00	3,753.00	4,556.00	8,599.00
	100-240 VAC	US\$ 1,807.00	1,858.00	1,940.00	2,013.00	2,233.00	2,463.00	3,382.00	3,824.00	4,632.00	8,682.00
<b>Weight (Lbs)</b>		13.3	14.3	16.1	18.5	31.0	37.0	43.0	60.0	77.0	192.0

* VOLTAGE SUFFIX		
1 = 12V AC/DC	2 = 24V AC/DC	3 = 100-240V AC

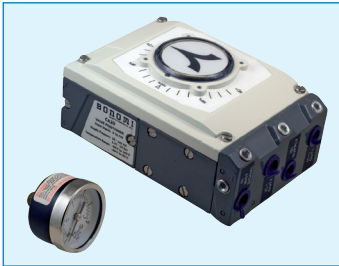






Bonomi IP positioner models

MODEL	DESCRIPTION	US\$
PNP-B	3-15 psi positioner	679.00
ENP-B	4-20 mA positioner	750.00
ENP-B-F	4-20 mA Positioner w/feedback	1,403.00
Bracket is included with these positioners		N/C



Bonomi CA20 pneumatic/pneumatic 3-15 psi positioner

MODEL	DESCRIPTION	US\$
CA20	Pneumatic/pneumatic 3-15 psi positioner	760.00
BKT-ISO-1	Bracket (52-100)	110.00
BKT-ISO-2	Bracket (115-330)	110.00
Gauges (recommended but not required)		
SAD1501-30	1.5" x 1/8" NPT CBM 0-30 psi	12.00
SAD1501-160	1.5" x 1/2" NPT CBM 0-160 psi	12.00



Bonomi CA21 electro/pneumatic I/S positioner

MODEL	DESCRIPTION	US\$
CA21	Electric/pneumatic I/S positioner	1,230.00
BKT-ISO-1	Bracket (52-100)	110.00
BKT-ISO-2	Bracket (115-330)	110.00
Gauges (recommended but not required)		
SAD1501-30	1.5" x 1/8" NPT CBM 0-30 psi	12.00
SAD1501-160	1.5" x 1/2" NPT CBM 0-160 psi	12.00



Bonomi CA22 electro/pneumatic explosion proof positioner

MODEL	DESCRIPTION	US\$
CA22	Electro/pneumatic explosion proof positioner	1,562.00
BKT-ISO-1	Bracket (52-100)	110.00
BKT-ISO-2	Bracket (115-330)	110.00
Gauges (recommended but not required)		
SAD1501-30	1.5" x 1/8" NPT CBM 0-30 psi	12.00
SAD1501-160	1.5" x 1/2" NPT CBM 0-160 psi	12.00



Pneumatic/pneumatic 3-15 psi positioner

MODEL	DESCRIPTION	US\$
MON-40N-S1N-SF	3-15 psi positioner	851.00
MON-BKT-FS-1206	SS bracket kit 52-100 M6	118.00
MON-BKT-FS-1306	SS bracket kit 115-330 M6	139.00

Electro/pneumatic 4-20mA positioner

MODEL	DESCRIPTION	US\$
MON-41N-E1N-SF	4-20mA E/P positioner w/gauges	1,385.00
MON-41N-E1T-SF	4-20mA E/P positioner w/gauges & feedback	2,447.00
For mounting kits, use models from 3-15 psi positioner above		



4-20mA smart positioner hart controls - w/bracket and gauges

**NEW**

MODEL	DESCRIPTION	US\$
SP	Smart positioner basic	1,665.00
SPH	Smart positioner 4-20mA w/hart	1,910.00
SPHF	Smart positioner 4-20mA w/hart - w/feedback	2,122.00



Regulator with filter

MODEL	DESCRIPTION	US\$
BON-AW20-N02E-2Z	Mini filter regulator 1/4"	90.00
BON-AW30-N02E-2Z	Filter regulator 1/4"	118.00
BON-AW30-N03E-2Z	Filter regulator 1/8"	118.00
SS-FR-25-1/4	Stainless steel filter regulator 1/4" 0-160, 25 micron	760.00



Inductive 4-20m-A position transmitter

MODEL	DESCRIPTION	US\$
PMI360DV-F130-IU-V15	Inductive 4-20mA position transmitter	617.00
BT-F130-A	Activator for above	60.00
V15-G-2M-PUR	M12 5-Pin cable for above 2M long	45.00



Limit switch UL & CSA approved IP67

MODEL	DESCRIPTION	US\$
LS2-B	2 SPDT 16A UL, CSA	136.00
LS2-CLEAR COVER	Clear cover	8.00
LS2-3W-LP	L-port	9.00
LS2-3W-TP	T-port	9.00

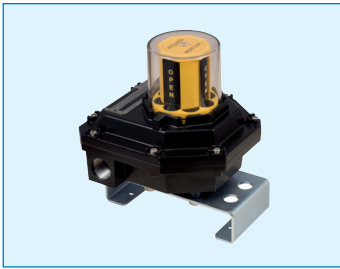
Bracket is included with this limit switch package



IP65 limit switch

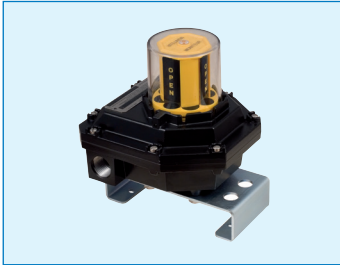
MODEL	DESCRIPTION	US\$
03900000149	IP65 2 mechanical SPDT limit switch for models 52 thru 270	118.00
03900280014	IP65 2 mechanical SPDT limit switch for models 32	171.00

Max. 5A 250 VAC/3A 24VDC



Limit switch NEMA 4-4x and CSA approved

MODEL	DESCRIPTION	US\$
MON-FMYB-5120	2 SPDT 15A mechanical	279.00
MON-FMYB-5220	2 SPDT 3A non-contact	533.00
MON-BKT-NP120	SS bracket kit 52-100	49.00
MON-BKT-NP130	SS bracket kit 115-300	49.00
Additional models available, consult factory		



Limit switch NEMA 4-4x-7-9, UL and CSA approved

MODEL	DESCRIPTION	US\$
MON-AMYB-5120	2 SPDT 15A mechanical	362.00
MON-AMYB-5220	2 SPDT 3A non-contact	629.00
Use bracket kit from above		
Additional models available, consult factory		

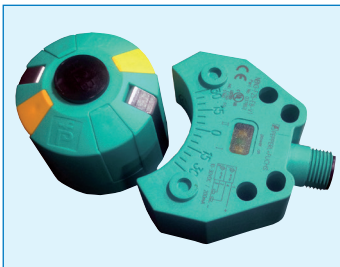


Limit switch NEMA 4-4X Explosion Proof UL Approved

**NEW**

MODEL	DESCRIPTION	US\$
LS2-B-EXM	2 SPDT 5A 120VAC mechanical UL Explosion Proof	292.00
LS2-B-EXN	2 SPDT 3A non-contact UL Explosion Proof	475.00

Additional models available, consult factory



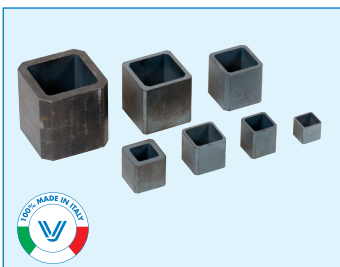
Inductive sensors

MODEL	DESCRIPTION	US\$
NBN3-F31-E8-V1	M12 PNP dual NO	394.00
NBN3-F31-Z8-V1	M12 dual NO	394.00
BT65A	Activator for above	56.00
NBN3-F25-E8-V1	M21 PNP dual NO	289.00
BT32	Activator for above	58.00
V1-G-2M-PVC	M12 4-Pin PVC cable for above 2M long	40.00
V1-G-10M-PVC	M12 4-Pin PVC cable for above 10M long	66.00



Inductive sensor

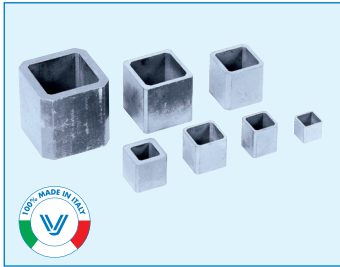
MODEL	DESCRIPTION	US\$
NBN3-F31K2M-E8-B23-S	Inductive sensor	657.00
BT65-F31K2-RG-EN	Activator w/dome for above	168.00



Carbon steel square adapters

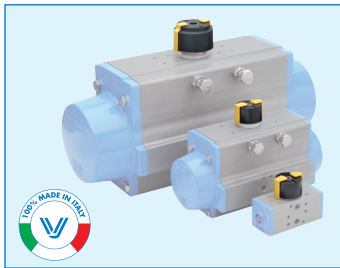
MODEL	In	mm	US\$
04400110901	0.43x0.35	11x9	4.00
04400141101	0.55x0.43	14x11	6.00
04400171101	0.67x0.43	17x11	7.00
04400171401	0.67x0.55	17x14	6.00
04400221701	0.87x0.67	22x17	9.00
04400271701	1.06x0.67 *	27x17	20.00
04400362701	1.42x1.06	36x27	20.00

\* Adapter made by 1.06x0.87 + 0.87x0.67



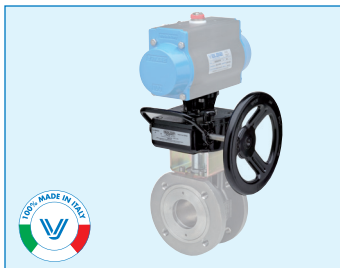
**Stainless steel square adapters**

MODEL	in	mm	US\$
04400110902	0.43x0.35	11x9	5.00
04400140902	0.55x0.35	14x9	8.00
04400141102	0.67x0.43	14x11	7.00
04400171402	0.67x0.55	17x14	9.00
04400221702	0.87x0.67	22x17	18.00
04400272202	1.06x0.67	27x22	23.00
04400362702	1.42x1.06	36x27	52.00



**Position Indicators**

MODEL	DESCRIPTION	US\$
R4550	Position indicator kit for actuator model 32	7.00
R4551	Position indicator kit for actuator model 52-100	8.00
R4552	Position indicator kit for actuator model 115-140	10.00
R4553	Position indicator kit for actuator model 160-270	11.00



**De-clutchable manual overrides**

MODEL	DESCRIPTION	US\$
MOA30	Top pad: 14-F05/F07, bottom pad: 22-F05/F07, output torque: 2,655 in/lbs	253.00
MOA70	Top pad: 17-F07/F10, bottom pad: 27-F07/F10 output torque: 6,195 in/lbs	344.00
MOA120	Top pad: 22-F012/14, bottom pad: 36-F10/12/F14 output torque: 10,620 in/lbs	522.00



**Pneumatic push fittings**

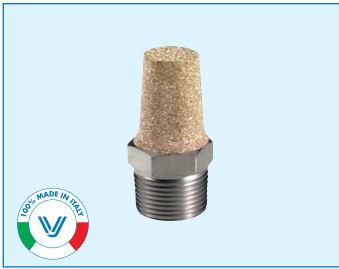
MODEL	DESCRIPTION	US\$
KQ2L07-34S	1/8" NPT X 1/4" tube OD elbow	5.00
KQ2L07-35S	1/4" NPT X 1/4" tube OD elbow	5.00
KQ2L12-U02A	1/4" uni-Fit x 12mm tube OD elbow	11.00



**Speed control/muffler combination**

MODEL	DESCRIPTION in/mm	US\$
SCM-1	1/8" NPT speed control muffler	4.00
SCM-2	1/4" NPT speed control muffler	5.00
SCM-3	3/8" NPT speed control muffler	7.00
SCM-4	1/2" NPT speed control muffler	10.00





**Mufflers**

MODEL	DESCRIPTION	US\$
SBM-M	10-32 UNF sintered bronze muffler	2.00
SBM-1	1/8" NPT sintered bronze muffler	2.00
SBM-2	1/4" NPT sintered bronze muffler	3.00
SBM-3	3/8" NPT sintered bronze muffler	4.00
SBM-4	1/2" NPT sintered bronze muffler	5.00



**Regulator with filter**

MODEL	DESCRIPTION	US\$
BV-1	1/8" NPT breather vent	2.00
BV-2	1/4" NPT breather vent	3.00
BV-3	3/8" NPT breather vent	3.00
BV-4	1/2" NPT breather vent	4.00



**Volume booster**

MODEL	DESCRIPTION	US\$
VB-2	1/4" volume booster	332.00

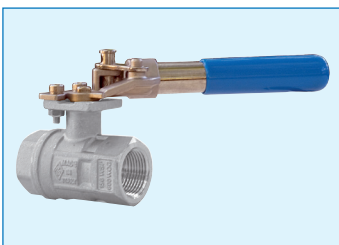


**Precision speed control muffler**

MODEL	DESCRIPTION	US\$
ASN2-N02	1/4" metering valve w/silencer	15.00

**Right angle meter-out flow control valves**

MODEL	DESCRIPTION	US\$
AS2201F-N01-07S	Right angle flow control 1/8" NPT x 1/4" tube OD	26.00
AS2201F-N02-07S	Right angle flow control 1/4" NPT x 1/4" tube OD	27.00



**Deadman Spring Return Handle Only**

**NEW**

MODEL	DESCRIPTION	US\$
SRL-01S-BON	Spring Return Handle - F03 - 9mm - 135 lbs.	48.00
SRL-02S-BON	Spring Return Handle - F04/F05 - 11mm - 195 lbs.	66.00
SRL-03S-BON	Spring Return Handle - F07 - 14mm - 300 lbs.	80.00
SRL-035S-BON	Spring Return Handle - F07 - 14mm - 487 lbs.	165.00
SRL-04S-BON	Spring Return Handle - F10/F12 - 17x22mm - 880 lbs.	325.00



**NAMUR solenoid 3-way, conduit connection**

MODEL	DESCRIPTION	US\$
NMR3-C1	120 VAC 3-way conduit connection	78.00
NMR3-C2	24 VDC 3-way conduit connection	78.00
NMR3-C12	12 VDC 3-way conduit connection	78.00
NMR3-C22	220V AC 3-way conduit connection	78.00



NAMUR solenoid 3-way, din connection

MODEL	DESCRIPTION	US\$
NMR3-D1	120 VAC 3-way din connection	78.00
NMR3-D2	24 VDC 3-way din connection	78.00
NMR3-D12	12 VDC 3-way din connection	78.00
NMR3-D22	220V AC 3-way conduit connection	78.00



NAMUR solenoid 3-way, explosion proof

MODEL	DESCRIPTION	US\$
NMR3-EX1	120 VAC 3-way explosion proof	188.00
NMR3-EX2	24 VDC 3-way explosion proof	188.00
NMR3-EX12	12 VDC 3-way explosion proof	188.00



NAMUR solenoid 4-way, conduit connection

MODEL	DESCRIPTION	US\$
NMR1-C1	120 VAC 4-way conduit connection	78.00
NMR1-C2	24 VDC 4-way conduit connection	78.00
NMR-C12	12 VDC 4-way conduit connection	78.00
NMR4-C1*	120 VAC 4-way conduit connection	410.00
NMR-C2*	24 VDC 4-way conduit connection	410.00

\* New Large namur pattern



NAMUR solenoid 4-way, din connection

MODEL	DESCRIPTION	US\$
NMR1-D1	120 VAC 4-way din connection	78.00
NMR1-D2	24 VDC 4-way din connection	78.00
NMR-D12	12 VDC 4-way dinconnection	78.00
NMR4-D1*	120 VAC 4-way din connection	410.00
NMR-D2*	24 VDC 4-way din connection	410.00

\* New Large namur pattern



NAMUR solenoid 4-way, explosion proof

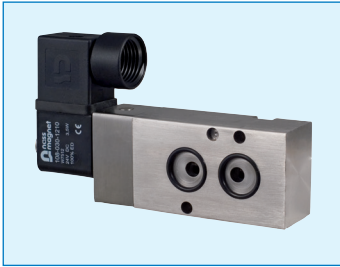
MODEL	DESCRIPTION	US\$
NMR1-EX1	120 VAC 4-way explosion proof	188.00
NMR1-EX2	24 VDC 4-way explosion proof	188.00
NMR-EX12	12 VDC 4-way explosion proof	188.00
NMR4-EX1*	120 VAC 4-way explosion proof	543.00
NMR-EX2*	24 VDC 4-way explosion proof	543.00

\* New Large namur pattern



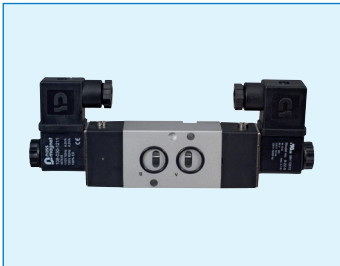
NAMUR solenoid 4-way, ATEX explosion proof

MODEL	DESCRIPTION	US\$
NMR-ATEX2	24 VDC 4-way ATEX explosion proof	188.00



Stainless steel NAMUR solenoid 4-way

MODEL	DESCRIPTION	US\$
SSNMR1-C1	110 VAC 4-way conduit connection	433.00
SSNMR1-C2	24 VDC 4-way conduit connection	433.00
SSNMR1-C12	12 VDC 4-way conduit connection	433.00
SSNMR1-D1	110 VAC 4-way din connection	433.00
SSNMR1-D2	24 VDC 4-way din connection	433.00
SSNMR1-D12	12 VDC 4-way din connection	433.00
SSNMR1-EX1	110 VAC 4-way explosion connection	544.00
SSNMR1-EX2	24 VDC 4-way explosion connection	544.00
SSNMR1-EX12	12 VDC 4-way explosion connection	544.00



NAMUR double solenoid 4-way, din connection

MODEL	DESCRIPTION	US\$
DNMR-D1	110 VAC 4-way din connection	156.00
DNMR-D2	24 VDC 4-way din connection	156.00
DNMR-D12	12 VDC 4-way din connection	156.00



NAMUR double solenoid 4-way, conduit connection

MODEL	DESCRIPTION	US\$
DNMR-C1	110 VAC 4-way conduit connection	156.00
DNMR-C2	24 VDC 4-way conduit connection	156.00
DNMR-C12	12 VDC 4-way conduit connection	156.00



NAMUR double solenoid 4-way, explosion proof

MODEL	DESCRIPTION	US\$
DNMR-EX1	110 VAC 4-way explosion proof	375.00
DNMR-EX2	24 VDC 4-way explosion proof	375.00
DNMR-EX12	12 VDC 4-way explosion proof	375.00



NAMUR double solenoid 4-way, ATEX explosion proof

MODEL	DESCRIPTION	US\$
NMR1-ATEX2	24 VDC 4-way ATEX explosion proof	375.00



**Solenoid Valve Manifolds**  
(minimum 2 stations up to maximum 10 stations)

**NEW**

MODEL	DESCRIPTION	US\$
S4M*-D1	Solenoid Valve Manifold 24V DC Din Connection	103.00 / Station
S4M*-D2	Solenoid Valve Manifold 120V AC Din Connection	103.00 / Station

\* Number of stations



**Stand-alone Non-NAMUR solenoid, 4-way, conduit connection**

**NEW**

MODEL	DESCRIPTION	US\$
S4S-C1	Stand-alone Non-NAMUR Solenoid Valve 120V AC Conduit Connection	78.00
S4S-C2	Stand-alone Non-NAMUR Solenoid Valve 24V DC Conduit Connection	78.00
S4S-C12	Stand-alone Non-NAMUR Solenoid Valve 12V DC Conduit Connection	78.00
S4S-C22	Stand-alone Non-NAMUR Solenoid Valve 220V AC Conduit Connection	78.00



**Stand-alone Non-NAMUR solenoid, 4-way, din connection**

**NEW**

MODEL	DESCRIPTION	US\$
S4S-D1	Stand-alone Non-NAMUR Solenoid Valve 120V AC Din Connection	78.00
S4S-D2	Stand-alone Non-NAMUR Solenoid Valve 24V DC Din Connection	78.00
S4S-D12	Stand-alone Non-NAMUR Solenoid Valve 12V DC Din Connection	78.00
S4S-D22	Stand-alone Non-NAMUR Solenoid Valve 220V AC Din Connection	78.00

DN6	DN8	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN150	DN200	DN250	DN300
1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"

**Stainless steel working pressures by class psiG**

Class temp °F	150	300	400	600	900	1500	2500
-20 to 100	275	720	960	1440	2160	3600	6000
200	235	620	825	1240	1860	3095	5160
300	215	560	745	1120	1680	2795	4660
400	195	515	685	1025	1540	2570	4280
500	170	480	635	955	1435	2390	3980
600	140	450	600	900	1355	2255	3760
650	125	440	590	885	1325	2210	3680
700	110	435	580	870	1305	2170	3620
750	95	425	570	855	1280	2135	3560
800	80	420	565	845	1265	2110	3520
850	65	420	555	935	1255	2090	3480
900	50	415	555	830	1245	2075	3460
950	35	385	515	775	1160	1930	3220
1000	20	365	485	725	1090	1820	3030

**Carbon steel working pressures by class psiG**

Class temp °F	150	300	400	600	900	1500	2500
-20 to 100	285	740	990	1480	2220	3705	6170
200	260	675	900	1350	2025	3375	5625
300	230	655	875	1315	1970	3280	5470
400	200	635	845	1270	1900	3170	5280
500	170	600	800	1200	1795	2995	4990
600	140	550	730	1095	1640	2735	4560
650	125	535	715	1075	1610	2685	4475
700	110	535	710	1065	1600	2665	4440
750	95	505	670	1010	1510	2520	4200



## STEAM TEMPERATURE/PRESSURE TABLE

saturated steam temperatures

Inches mercury vacuum	Absolute pressure (P.S.I.A.)	Temp. (°F)	Gauge pressure (P.S.I.G.)	Temp. (°F)	Gauge pressure (P.S.I.G.)	Temp. (°F)	Gauge pressure (P.S.I.G.)	Temp. (°F)	Gauge pressure (P.S.I.G.)	Temp. (°F)
29.74	0.089	32	0	212	135	358.3	285	417.2	570	483.4
29	0.451	76.5	2	218.5	140	360.8	290	418.7	580	485.2
28	0.942	99.7	4	224.4	145	363.4	295	420.2	590	487
27	1.43	114	6	229.8	-	-	-	-	-	-
26	1.92	124.6	8	234.6	150	365.9	300	421.7	600	488.8
-	-	-	-	-	155	368.3	310	424.6	650	497.4
25	2.42	133.3	10	239	160	370.6	320	427.4	700	505.4
24	2.91	140.3	15	249.7	165	372.9	330	430.3	-	-
23	3.4	146.3	20	258.8	170	375.2	340	433	750	513.1
22	3.89	151.7	-	-	-	-	-	-	800	520.3
21	4.38	156.5	25	266.8	175	377.4	350	435.6	850	527.3
-	-	-	30	274	180	379.5	360	438.2	900	533.9
20	4.87	161	35	280.6	185	381.7	370	440.8	950	540.3
19	5.36	165.2	40	286.7	190	383.7	380	443.3	-	-
18	5.85	168.9	45	292.4	195	385.8	390	445.7	1000	546.4
17	6.35	172.5	-	-	-	-	-	-	-	-
16	6.84	175.8	50	297.7	200	387.8	400	448.1	-	-
-	-	-	55	302.6	205	389.7	410	450.5	-	-
15	7.33	178.9	60	307.3	210	391.7	420	452.8	-	-
14	7.82	181.8	65	311.8	215	393.6	430	455.1	-	-
13	8.31	184.6	70	316	220	395.4	440	457.3	-	-
12	8.8	187.2	-	-	-	-	-	-	-	-
11	9.29	189.7	75	320	225	397.3	450	459.5	-	-
-	-	-	80	323.9	230	399.1	460	461.7	-	-
10	9.78	192.1	85	327.6	235	400.8	470	463.8	-	-
9	10.27	194.4	90	331.1	240	402.6	480	465.9	-	-
8	10.77	196.7	95	334.6	245	404.3	490	468	-	-
7	11.26	198.8	-	-	-	-	-	-	-	-
6	11.75	200.9	100	337.9	250	406	500	470	-	-
-	-	-	105	341.1	255	407.7	510	472	-	-
5	12.24	202.9	110	344.1	260	409.3	520	474	-	-
4	12.73	204.8	115	347.1	265	410.9	530	475.9	-	-
3	13.22	206.7	120	350	270	412.5	540	477.8	-	-
2	13.71	208.5	-	-	-	-	-	-	-	-
1	14.2	210.3	125	352.8	275	414.1	550	479.7	-	-
0	14.696	212	130	355.6	280	415.7	560	481.6	-	-

## WARRANTY, LIMITATIONS OF LIABILITY, RETURNS

Bonomi North America, Inc. warrants that its products shipped to its initial purchaser will be free of all defects in material and workmanship for a period of one year from the date of delivery.

Should any failure to conform to this warranty appear before the one year delivery period, and the product[s] are stored, installed, and maintained in accordance with the published Bonomi North America literature recommendations and standard industry practice, Bonomi North America, Inc. will repair or replace the product at its own expense.

The correction of non-conformities in the time period mentioned above shall constitute fulfillment of all Bonomi North America, Inc. liabilities to its initial purchaser. Bonomi North America, Inc. shall not be liable for consequential damages to loss of other equipment or property, loss profits or revenue, except the price of the Bonomi North America goods to which this liability is referred.

The customer is expected to check the received goods upon arrival at its premises. Any evident damage to the product or severe damage to its packaging that could affect the functionality of the received item should be reported immediately and no later than 10 days after delivery, preferably with pictures, to sales@bonominorthamerica.com. This includes reporting any incorrect product and/or incorrect quantities.

The customer must obtain an RMA (return of materials authorization) from the Inside Sales Department prior to returning any items. The request for RMA should include part number, quantity, and customer's purchase order or invoice number with which the product was originally shipped.

The purchase of interim replacement item(s) does not relieve the customer of financial responsibility of the returned items. All returned items will be inspected, tested, and evaluated. The results of this process will always dictate the follow-up action. All returns must come from the initial purchaser and should not ship directly from the contractor or end-user to Bonomi North America.

If a returned product is confirmed defective, with the above mentioned warranty conditions, Bonomi North America, Inc. has a first duty of repairing the product, if possible. Should a repair not be possible then the next option should be a replacement or a credit.

No credit will be issued for returned products that have been clearly misused, installed incorrectly, manipulated, modified, damaged at the customer's premises or during the return shipment. However, if the product can be properly repaired at a reasonable cost, Bonomi North America, Inc. will offer the repair option to the customer.

If the purpose of the RMA is to return items ordered in error or items that were not able to be utilized, then these returns will be subject to a restock fee. The standard restock fee for manually operated valves is 20% while automated packages and items requiring partial/full disassembly and testing when returning will be subject to a 30% restocking fee.

These items must return in new/unused and in resellable condition in order to qualify for credit. Preventing damage to returning merchandise during the shipping process will be the sole responsibility of the customer. It is recommended that new packing materials be used when returning goods as the packing materials used to ship from our business is intended for single use only.

If the returning merchandise comprises all or the majority of the cost of the original PO under which it was ordered and where there was free freight granted, then Bonomi North America, Inc. may ask to recoup some or all of the original freight cost, deducting this amount from the final credit.

Likewise, if the returning merchandise comprises all of a PO that originally shipped via a prepay-and-add method then Bonomi North America, Inc. will deduct this freight amount from the final credit, should the invoice be open at the time of crediting.

Even in the above mentioned cases, the return of non-defective customized products such as assembled packages of valves and actuators and/or of orders supplied more than 2 months before and/or exceeding the value of \$1,500, will be at the discretion of Bonomi North America and, if accepted, may result in significantly higher restocking fees, depending on the amount of labor involved in disassembling, refurbishing, testing, and restocking the individual components.



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