

ACTUATORS AND
CONTROLS FOR
METAL &
CHEMTROL VALVES

ACT-0300

Effective March 27, 2000 • Supercedes ACT-0599 dated May 3, 1999

Suggested List Prices Subject to Change Without Notice.



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NIBCO PNEUMATIC ACTUATORS

NDA/NSR Series (Rack & Pinion)

Actuator Figure#	Air to Air		Actuator Figure#	Air to Spring	
	Actuator Material#	List Price		Actuator Material#	List Price
NDA2F03	T116752	\$ 159.00	NSR2F03	T116753	\$ 186.00
NDA4F04	T116754	198.00	NSR4F04	T116755	218.00
NDA8F05	T116756	252.00	NSR8F05	T116757	290.00
NDA12F07	T116758	309.00	NSR12F07	T116759	360.00
NDA20F07	T116760	401.00	NSR20F07	T116761	470.00
NDA35F10	T116762	587.00	NSR35F10	T116763	671.00
NDA55F12	T116764	833.00	NSR55F12	T116765	1,146.00
NDA70F12	T116766	1,133.00	NSR70F12	T116767	1,246.00
NDA100F14	T116768	1,620.00	NSR100F14	T116769	1,862.00
NDA150F16	T116770	2,403.00	NSR150F16	T116771	2,842.00
NDA250F16	T116772	2,853.00	NSR250F16	T116773	4,233.00
NDA400F25	T116774	4,709.00	NSR400F25	T116775	7,340.00

NDA/NSR Series - Standard Anodized Aluminum Housing

CNIDA/CNISR Series (Rack & Pinion)

Actuator Figure#	Air to Air		Actuator Figure#	Air to Spring	
	Actuator Material#	List Price		Actuator Material#	List Price
CNIDA2F03	T116778	\$ 244.00	CNISR2F03	T116779	\$ 267.00
CNIDA4F04	T116780	299.00	CNISR4F04	T116781	321.00
CNIDA8F05	T116782	367.00	CNISR8F05	T116783	396.00
CNIDA12F07	T116784	492.00	CNISR12F07	T116785	544.00
CNIDA20F07	T116786	688.00	CNISR20F07	T116787	725.00
CNIDA35F10	T116788	981.00	CNISR35F10	T116789	1,045.00
CNIDA55F12	T116790	1,269.00	CNISR55F12	T116791	1,557.00
CNIDA70F12	T116792	1,760.00	CNISR70F12	T116793	1,881.00
CNIDA100F14	T116794	2,203.00	CNISR100F14	T116795	2,400.00
CNIDA150F16	T116796	3,330.00	CNISR150F16	T116797	3,801.00
CNIDA250F16	T116798	4,176.00	CNISR250F16	T116799	5,727.00
CNIDA400F25	T116800	6,194.00	CNISR400F25	T116801	9,041.00

CNI Series - Chemically Nickel Impregnated for Superior Corrosion Resistance

Limited Availability

NPDA/NPSR Series (Scotch Yoke)

Actuator Figure#	Air to Air		Actuator Figure#	Air to Spring	
	Actuator Material#	List Price		Actuator Material#	List Price
NPDA05	T111230	N/A	NPSR05	T111234	N/A
NPDA10	T111231	N/A	NPSR10	T111235	\$ 274.00
NPDA20	T111232	N/A	NPSR20	T111236	N/A
NPDA30	T111233	\$ 392.00	NPSR30	T111237	501.00
NPDA40	T111243	N/A	NPSR40	T111238	N/A
NPDA50	T111606	846.00	NPSR50	T111244	870.00
NPDA60	T111607	N/A	NPSR60	T111608	1,284.00
NPDA70	T114447	N/A	NPSR70	T111609	N/A
NPDA80	T114425	2,593.00	NPSR80	T115276	N/A

All NIBCO Air to Spring actuators are supplied for 80 psi air service as standard. The units are factory set for "Fail Closed" operation unless otherwise specified. Spring sets for 40 psi and 60 psi air supply are also available. Consult factory for pricing and delivery.

NIBCO PNEUMATIC ACTUATOR ACCESSORIES

SOLENOID (Pilot) CONTROL VALVES

Material#	Description	List Price
T114221	NEMA-4, 110 VAC, Namur Direct Mount (ASCO)	\$ 220.00
T114223	NEMA-7, 110 VAC, Namur Direct Mount (ASCO)	263.00
T114222	NEMA-4, 24 VDC, Namur Direct Mount (ASCO)	220.00
T114224	NEMA-7, 24 VDC, Namur Direct Mount (ASCO)	263.00

Speed control integral to solenoid.



NIBCO BRAND SOLENOID (Pilot) CONTROL VALVES

Material#	Description	List Price
T114333	NEV-61, Left Pilot, NAMUR Mount, 1/4" NPT Port, 110 VAC	\$ 150.00
T114334	NEV-62, Dual Pilot NAMUR Mount, 1/4" NPT Port, 110 VAC	205.00
T114335	NEV-63, Right Pilot, NAMUR Mount, 1/4" NPT Port, 110 VAC	150.00

Separate speed control required.

Additional voltages and enclosures are available, consult factory for pricing and delivery.

A directional control valve is required for operation of all pneumatic actuators. The 120 VAC power source and a 1/4" NPT air supply are the only connections required for totally integral operation of a NIBCO Pneumatic Actuator.

SWITCH BOXES with LIMIT SWITCHES

Material#	Description	List Price
T111271	NEMA-4, 110 VAC, (2) SPDT Switches (Westlock)	\$ 311.00
T114377	NEMA-4, 110 VAC, (4) SPDT Switches (Westlock)	405.00
T114332	NEMA-4, 110 VAC, (2) DPDT Switches (Westlock)	534.00
*	Mount and Drive Kit for Westlock Switch Boxes	67.50

** Specify NIBCO Actuator model number for correct mount kit.*



NIBCO BRAND SWITCH BOXES with LIMIT SWITCHES

Material#	Description	List Price
T114336	NTFC-110, NEMA-4x, (2) SPDT Microswitches	\$ 211.00
T114337	NTFC-120, NEMA-4x, (2) SPDT Proximity Sensors	299.00

Integral height and width adjustable feet for Namur mounting. No mounting bracket required.

PNEUMATIC POSITIONERS

Material#	Description	List Price
T111270	3-15psi signal, Moore 740P	\$ 685.00
T111780	Electro-pneumatic 4-20mA signal, Moore 750E	1,676.00
T111776	Mount and Drive Kit for Moore Positioners	88.00

** Specify NIBCO pneumatic actuator material number for correct mount kit. Actuator may be equipped with a positioner or switch box. Consult factory for positioner with limit switches.*



NIBCO BRAND PNEUMATIC POSITIONER

Material#	Description	List Price
T114338	NTFC-T4 3-15psi pneumatic signal	\$ 440.00
T114339	Mount and Drive Kit for NTFC-T4	123.00

PNEUMATIC SPEED CONTROL

Material#	Description	List Price
T114453	Meter Exhaust Speed Control	\$ 25.00
T114839	Tube Meter Exhaust Speed Control	75.00

For use with the NIBCO NEV series Solenoid Valve



ELECTRIC ACTUATORS

100 SERIES

Actuator Figure#	Actuator Material#	Description	List Price
NE133-2-4	T115738	110 VAC, NEMA-4, 2 Second Cycle (F03 Mount)	\$ 372.00
NE133-10-4	T115740	110 VAC, NEMA-4, 10 Second Cycle (F03 Mount)	508.00
NE133-13-4	T115742	110 VAC, NEMA-4, 13 Second Cycle (F03 Mount)	532.00
NE144-2-4	T116901	110 VAC NEMA-4, 2 Second Cycle (F04 Mount)	372.00
NE144-10-4	T116905	110 VAC NEMA-4, 10 Second Cycle (F04 Mount)	508.00
NE144-13-4	T116909	110 VAC, NEMA-4, 13 Second Cycle (F04 Mount)	532.00
NE155-2-4	T116903	110 VAC, NEMA-4, 2 Second Cycle (F05 Mount)	372.00
NE155-10-4	T116907	110 VAC, NEMA-4, 10 Second Cycle (F05 Mount)	508.00
NE155-13-4	T116911	110 VAC, NEMA-4, 13 Second Cycle (F05 Mount)	532.00

The NIBCO 100 Series Actuator offers a compact, rugged design for small packages.

Limited Availability

211 SERIES

Actuator Figure#	Actuator Material#	Description	List Price
211-4-4	T115444	110 VAC, NEMA-4, 4 Second Cycle	\$ 563.00
211-7-4	T115447	110 VAC, NEMA-4, 7 Second Cycle	600.00
211-10-4	T115450	110 VAC, NEMA-4, 10 Second Cycle	618.00
211-15-4	T115453	110 VAC, NEMA-4, 15 Second Cycle	657.00
211-4-4	T115445	220 VAC, NEMA-4, 4 Second Cycle	608.00
211-7-4	T115448	220 VAC, NEMA-4, 7 Second Cycle	643.00
211-10-4	T115451	220 VAC, NEMA-4, 10 Second Cycle	663.00
211-15-4	T115454	220 VAC, NEMA-4, 15 Second Cycle	N/A
211-4-4	T115446	24 VDC, NEMA-4, 4 Second Cycle	N/A
211-7-4	T115449	24 VDC, NEMA-4, 7 Second Cycle	N/A
211-10-4	T115452	24 VDC, NEMA-4, 10 Second Cycle	N/A
211-15-4	T115455	24 VDC, NEMA-4, 15 Second Cycle	712.00

The NIBCO 211 Actuator combines compactness with an extensive list of available options for a broad spectrum of applications. Rated at 30% duty cycle, the 211 is complete with declutchable manual override and mechanical position indicator.



300 SERIES

Actuator Figure#	Actuator Material#	Description	List Price
NE300-4-4	T115744	110 VAC, NEMA-4, 4 Second Cycle	\$ 722.00
NE300-10-4	T115752	110 VAC, NEMA-4, 10 Second Cycle	768.00
NE300-15-4	T115760	110 VAC, NEMA-4, 15 Second Cycle	813.00
NE300-30-4	T115768	110 VAC NEMA-4, 30 Second Cycle	857.00
NE300-4-7	T115745	110 VAC, NEMA-7, 4 Second Cycle	857.00
NE300-10-7	T115753	110 VAC, NEMA-7, 10 Second Cycle	903.00
NE300-15-7	T115761	110 VAC, NEMA-7, 15 Second Cycle	948.00
NE300-30-7	T115769	110 VAC, NEMA-7, 30 Second Cycle	993.00
NE300-4-4	T115746	220 VAC, NEMA-4, 4 Second Cycle	768.00
NE300-10-4	T115754	220 VAC, NEMA-4, 10 Second Cycle	813.00
NE300-15-4	T115762	220 VAC, NEMA-4, 15 Second Cycle	857.00
NE300-30-4	T115770	220 VAC, NEMA-4, 30 Second Cycle	903.00
NE300-4-7	T115747	220 VAC, NEMA-7, 4 Second Cycle	903.00
NE300-10-7	T115755	220 VAC, NEMA-7, 10 Second Cycle	948.00
NE300-15-7	T115763	220 VAC, NEMA-7, 15 Second Cycle	993.00
NE300-30-7	T115771	220 VAC. NEMA-7, 30 Second Cycle	1,038.00

The NIBCO 300 Series Actuators combine compactness with manual override capabilities. Rated at 30% duty cycle.



300 SERIES (Cont.)

Actuator Figure#	Actuator Material#	Description	List Price
NE300-4-4	T115750	24 VDC, NEMA-4, 4 Second Cycle	\$ 776.00
NE300-10-4	T115758	24 VDC, NEMA-4, 10 Second Cycle	821.00
NE300-15-4	T115766	24 VDC, NEMA-4, 15 Second Cycle	867.00
NE300-30-4	T115774	24 VDC NEMA-4, 30 Second Cycle	913.00
NE300-4-7	T115751	24 VDC, NEMA-7, 4 Second Cycle	913.00
NE300-10-7	T115759	24 VDC, NEMA-7, 10 Second Cycle	957.00
NE300-15-7	T115767	24 VDC, NEMA-7, 15 Second Cycle	1,002.00
NE300-30-7	T115775	24 VDC, NEMA-7, 30 Second Cycle	1,047.00

The NIBCO 300 Series Actuators combine compactness with manual override capabilities.

Limited Availability

400 SERIES

Actuator Figure#	Actuator Material#	Description	List Price
401-10-4	T111348	110 VAC, NEMA-4, 10 Second Cycle	\$ 1,087.00
401-30-4	T111693	110 VAC, NEMA-4, 30 Second Cycle	N/A
401-10-7	T112286	110 VAC, NEMA-7, 10 Second Cycle	N/A
401-30-7	T111725	110 VAC, NEMA-7, 30 Second Cycle	1,771.00
401-10-4	T111366	220 VAC, NEMA-4, 10 Second Cycle	1,209.00
401-30-4	T111782	220 VAC NEMA-4, 30 Second Cycle	1,581.00
401-10-7	T112294	220 VAC NEMA-7, 10 Second Cycle	N/A
401-30-7	T111815	220 VAC, NEMA-7, 30 Second Cycle	N/A
401-10-4	T111357	24 VDC, NEMA-4, 10 Second Cycle	N/A
401-30-4	T111771	24 VDC, NEMA-4, 30 Second Cycle	N/A
401-10-7	T112290	24 VDC, NEMA-7, 10 Second Cycle	N/A
401-30-7	T111781	24 VDC, NEMA-7, 30 Second Cycle	N/A

The NIBCO 400 Series actuators are designed for the full mid-range torque market. Motor availability includes AC and DC voltages and are 100% duty cycle rated. Enclosures are CSA certified for NEMA-4 and NEMA-7 applications.

500 SERIES

Actuator Figure#	Actuator Material#	Description	List Price
500-10-4	T115776	110 VAC, NEMA-4, 10 Second Cycle	\$ 1,165.00
500-30-4	T115784	110 VAC, NEMA-4, 30 Second Cycle	1,535.00
500-10-7	T115777	110 VAC, NEMA-7, 10 Second Cycle	1,328.00
500-30-7	T115785	110 VAC, NEMA-7, 30 Second Cycle	1,711.00
500-10-4	T115778	220 VAC, NEMA-4, 10 Second Cycle	1,250.00
500-30-4	T115786	220 VAC NEMA-4, 30 Second Cycle	1,627.00
500-10-7	T115779	220 VAC NEMA-7, 10 Second Cycle	1,413.00
500-30-7	T115787	220 VAC, NEMA-7, 30 Second Cycle	1,802.00
500-10-4	T115782	24 VDC, NEMA-4, 10 Second Cycle	1,255.00
500-30-4	T115790	24 VDC, NEMA-4, 30 Second Cycle	1,632.00
500-10-7	T115783	24 VDC, NEMA-7, 10 Second Cycle	1,418.00
500-30-7	T115791	24 VDC, NEMA-7, 30 Second Cycle	1,807.00

The NIBCO 500 Series actuators are designed for the full mid-range torque market. Motor availability includes AC and DC voltages and are 100% duty cycle rated. Enclosures are CSA certified for NEMA-4 and NEMA-7 applications.

ELECTRIC ACTUATORS

820 SERIES

Actuator Figure#	Actuator Material#	Description	List Price
820-12-4	T111383	110 VAC, NEMA-4, 12 Second Cycle	\$ 2,937.00
820-30-4	T111386	110 VAC, NEMA-4, 30 Second Cycle	3,275.00
820-12-7	T112288	110 VAC, NEMA-7, 12 Second Cycle	3,918.00
820-30-7	T112297	110 VAC, NEMA-7, 30 Second Cycle	4,280.00
820-12-4	T111385	220 VAC, NEMA-4, 12 Second Cycle	3,133.00
820-30-4	T111388	220 VAC NEMA-4, 30 Second Cycle	3,494.00
820-12-7	T112296	220 VAC NEMA-7, 12 Second Cycle	4,036.00
820-30-7	T112299	220 VAC, NEMA-7, 30 Second Cycle	4,397.00

830 SERIES

Actuator Figure#	Actuator Material#	Description	List Price
830-30-4	T114426	110 VAC, NEMA-4, 30 Second Cycle	\$ 3,872.00
830-30-7	T114429	110 VAC, NEMA-4, 30 Second Cycle	4,713.00
830-30-4	T114428	220 VAC, NEMA-7, 30 Second Cycle	3,967.00
830-30-7	T114431	220 VAC, NEMA-7, 30 Second Cycle	4,830.00

The NIBCO 800 Series Actuators are offered with output torques ranging from 3,000 to 10,000 inch pounds. Based upon a highly effective planetary gear system, this actuator series includes a full-time direct acting handwheel type manual override. Motors are rated for 100% duty cycle.

Enclosures are CSA Certified for NEMA-4 and NEMA-7 applications.

NIBCO ELECTRIC ACTUATOR ACCESSORIES

NE-100 SERIES

Material#	Description	List Price
*	Switch Kit (2) SPDT (110 Vac, 24 VDC, 220 VAC)	\$ 127.00
*	Heater and Thermostat	59.00

* Consult factory for Part Number

NE-211 SERIES

Material#	Description	List Price
T115468	Brake (110 VAC) (15 and 30 second only)	\$ 144.00
T115469	Brake (220 VAC) (15 and 30 second only)	203.00
T115473	Switch Kit (2) SPDT (110 VAC, 24 VDC, 220 VAC)	127.00
T111377	Heater & Thermostat (110 VAC) (For field repair)	59.00

NE-300 SERIES

Material#	Description	List Price
T115468	Brake (110 VAC) (15 and 30 second only)	\$ 144.00
T115469	Brake (220 VAC) (15 and 30 second only)	203.00
T115473	Switch Kit (2) SPDT (110 VAC, 24 VDC, 220 VAC)	127.00
T114342	Modulating Control Kit	917.00
T115159	Potentiometer Kit	195.00
T111377	Heater & Thermostat (110 VAC) (For field repair)	59.00
T114874	Heater & Thermostat (24 VDC) (For field repair)	59.00
T114868	Heater & Thermostat (220 VAC) (For field repair)	59.00

NIBCO ELECTRIC ACTUATORS ACCESSORIES (Cont.)

NE-400 & NE-500 SERIES

Material#	Description	List Price
T111370	Brake (110 VAC)	\$ 170.00
T114875	Brake (24 VDC)	195.00
T114876	Brake (220 VAC)	195.00
T111381	Switch Kit (2) SPDT (110 VAC, 24 VDC, 220 VAC)	127.00
T114343	Modulating Control Kit	917.00
T111371	Potentiometer Kit	195.00
T111379	Position Transmitter (4-20MA Feedback Signal)	355.00
T111377	Heater & Thermostat (110 VAC) (For field repair)	59.00
T114874	Heater & Thermostat (24 VDC) (For field repair)	59.00
T114868	Heater & Thermostat (220 VAC) (For field repair)	59.00
T115494	Manual Operation Handwheel Kit	170.00

NE800 SERIES

Material#	Description	List Price
T114877	Brake (110 VAC) (12 second only)	\$ 170.00
T114879	Brake (220 VAC) (12 second only)	195.00
T111382	Switch Kit (2) SPDT (110 VAC, 24 VDC, 220 VAC)	169.00
T114344	Modulating Control Kit	917.00
T114345	Potentiometer Kit	195.00
T111379	Position Transmitter (4-20MA Feedback Signal)	355.00
T111377	Heater & Thermostat (110 VAC) (For field repair)	59.00
T114868	Heater & Thermostat (220 VAC) (For field repair)	59.00

Notes:

1. Ambient operating temperature for electronic components is +32°F to +140°F.
2. Positioners are set for 4-20 mA input and fail CW upon loss of signal, unless otherwise specified.
3. NIBCO does not recommend the use of any actuator with an operating speed of less than 30 seconds for modulating service.

NIBCO MOUNTING KITS (Electric and Pneumatic)

Metal Ball and Butterfly Valves

BUTTERFLY VALVE (Wafer and Lug Style)

Size	Pneumatic Air/Air	Pneumatic Air/Spring	Electric
2"	\$ 80.00	\$ 80.00	\$ 80.00
2½"	80.00	80.00	80.00
3"	80.00	80.00	80.00
4"	80.00	80.00	80.00
5"	80.00	107.00	80.00
6"	80.00	107.00	80.00
8"	107.00	117.00	117.00
10"	107.00	117.00	117.00
12"	107.00	135.00	135.00
14"	170.00	179.00	179.00
16"	258.00	258.00	258.00
18"	262.00	262.00	262.00
20"	286.00	286.00	286.00
24"	360.00	360.00	360.00

BUTTERFLY VALVE (Grooved and Flanged)

Size	Pneumatic Air/Air	Pneumatic Air/Spring	Electric
2"	\$ 80.00	\$ 80.00	\$ 80.00
2½"	80.00	80.00	80.00
3"	80.00	80.00	80.00
4"	80.00	80.00	80.00
5"	80.00	80.00	80.00
6"	80.00	107.00	107.00
8"	80.00	107.00	107.00
10"	107.00	117.00	117.00
12"	107.00	117.00	117.00

NOTES:

1. NIBCO Mounting kits include: Bracket, Drive Coupling and Hardware.
2. NIBCO Mounting kits are made of 300 Series Stainless Steel.
3. NIBCO Couplings are made of 300 Series Stainless or CNI Coated Carbon Steel.

NIBCO MOUNTING KITS (Electric and Pneumatic) (Cont.)

Metal Ball and Butterfly Valves



2 PIECE BRONZE BALL ISO Direct Mount (TM585-70-66)

Size	Pneumatic Air/Air	Pneumatic Air/Spring	Electric
1/2"	\$ 30.00	\$ 30.00	\$ 30.00
3/4"	30.00	30.00	30.00
1"	30.00	30.00	30.00
1 1/4"	35.00	35.00	35.00
1 1/2"	35.00	35.00	35.00
2"	35.00	40.00	35.00
2 1/2"	81.00	81.00	81.00

2 1/2" not direct mount (AT580-70-66). Kit includes studs, nuts and lock washers.

2 PIECE STAINLESS BALL (T580-S6-R-66)

Size	Pneumatic Air/Air	Pneumatic Air/Spring	Electric
1/2"	\$ 74.00	\$ 74.00	\$ 74.00
3/4"	74.00	74.00	74.00
1"	74.00	74.00	74.00
1 1/4"	74.00	74.00	74.00
1 1/2"	74.00	74.00	74.00
2"	74.00	74.00	74.00

3 PIECE BRONZE BALL (T-590/595Y)

Size	Pneumatic Air/Air	Pneumatic Air/Spring	Electric
1/4"	\$ —	\$ —	\$ —
3/8"	—	—	—
1/2"	50.00	50.00	50.00
3/4"	50.00	50.00	50.00
1"	50.00	50.00	50.00
1 1/4"	62.00	62.00	62.00
1 1/2"	62.00	62.00	62.00
2"	86.00	86.00	86.00
2 1/2"	86.00	86.00	86.00
3"	86.00	86.00	86.00

3 PIECE CARBON & STAINLESS BALL (TM/KM-595)

Size	Pneumatic Air/Air	Pneumatic Air/Spring	Electric
1/4"	\$ 92.00	\$ 92.00	\$ 92.00
3/8"	92.00	92.00	92.00
1/2"	92.00	92.00	92.00
3/4"	92.00	92.00	92.00
1"	92.00	92.00	92.00
1 1/4"	96.00	96.00	96.00
1 1/2"	96.00	96.00	96.00
2"	96.00	96.00	96.00

UNIBODY FLANGED BALL (F-510/F-530)

Size	Pneumatic Air/Air	Pneumatic Air/Spring	Electric
1/2"	\$ 92.00	\$ 92.00	\$ 92.00
3/4"	92.00	92.00	92.00
1"	92.00	92.00	92.00
1 1/2"	92.00	92.00	92.00
2"	92.00	92.00	92.00
3"	137.00	137.00	137.00
4"	137.00	137.00	137.00
6"	167.00	167.00	167.00
8"	167.00	167.00	167.00

SPLIT BODY FULL BORE FLANGED BALL (F-515/F-535)

Size	Pneumatic Air/Air	Pneumatic Air/Spring	Electric
1/2"	\$ 92.00	\$ 92.00	\$ 92.00
3/4"	92.00	92.00	92.00
1"	92.00	92.00	92.00
1 1/2"	92.00	92.00	92.00
2"	92.00	92.00	92.00
3"	147.00	147.00	147.00
4"	147.00	147.00	147.00
6"	210.00	210.00	210.00
8"	267.00	267.00	267.00
10"	267.00	267.00	267.00
12"	267.00	267.00	267.00

NOTES:

1. NIBCO Mounting kits include: Bracket, Drive Coupling and Hardware.
2. NIBCO Mounting kits are made of 300 Series Stainless Steel.
3. NIBCO Couplings are made of 300 Series Stainless or CNI Coated Carbon Steel.

CHEMTROL MOUNTING KITS (Electric & Pneumatic)

BALL VALVES - Tru-Bloc Ball Valves - True Union (PVC/CPVC)

Size	Pneumatic Air/Air		Pneumatic Air/Spring		Electric	
	Part Number	List Price	Part Number	List Price	Part Number	List Price
1/2"	T111556	\$ 97.00	T111556	\$ 97.00	T111556	\$ 97.00
3/4"	T111557	97.00	T111557	97.00	T111557	97.00
1"	T111558	97.00	T111558	97.00	T111558	97.00
1 1/4"	T111559	112.00	T111566	112.00	T111559	112.00
1 1/2"	T111559	112.00	T111566	112.00	T111559	112.00
2"	T111560	115.00	T111567	115.00	T111770	115.00
3"	T111561	115.00	T111568	115.00	T111561	115.00
4"	T111562	115.00	T111569	115.00	T111724	115.00

BUTTERFLY VALVES - Model "B" (PVC/CPVC)

Size	Pneumatic Air/Air		Pneumatic Air/Spring		Electric	
	Part Number	List Price	Part Number	List Price	Part Number	List Price
3"	T115706	\$ 98.00	T115709	\$ 98.00	T115706	\$ 98.00
4"	T115712	98.00	T115715	98.00	T115718	98.00
6"	T115721	110.00	T115724	110.00	T115727	110.00

BUTTERFLY VALVES - Model "C" (PVC/CPVC)

Size	Pneumatic Air/Air		Pneumatic Air/Spring		Electric	
	Part Number	List Price	Part Number	List Price	Part Number	List Price
2"	T111712	\$ 98.00	T111571	\$ 98.00	T111571	\$ 98.00
2 1/2"	T111712	98.00	T111578	98.00	T111571	98.00
3"	T111571	98.00	T111578	98.00	T111571	98.00
4"	T111714	98.00	T111574	98.00	T111714	98.00
6"	T111576	109.00	T111703	109.00	T111715	109.00
8"	T111576	109.00	T111703	109.00	T111400	109.00
10"	T111717	109.00	T111705	109.00	T111397	109.00

Mount Kits include Steel Coupling, Adapter Plate, Mount Brackets and Hardware

FACTORY MOUNT AND TEST

	Part Number	List Price
Ball Valves (All Sizes)	*	\$ 31.00
Butterfly Valves (All Sizes)	*	31.00

* Consult factory for Part Number

ACTUATION DATA SHEET

Section I: Valve Information

A. Valve Type

Butterfly Ball

B. Valve Material

Bronze PVC
 Ductile Iron CPVC
 Stainless PVDF
 Carbon Poly Pro

C. Figure No: _____

Size: _____

Quantity: _____

D. Type of fluid in valve: _____

Fluid is Dry Wet

Differential pressure: _____

Inlet pressure: _____

Specific gravity of fluid: _____

System velocity: _____

System gpm: _____

Temperature: _____

Frequency of operation: _____

Notes/Comments

Section II: Actuator Information

A. Electric

Voltage: _____

Time for 90° rotation: _____

Enclosure:

NEMA4 NEMA7 Other

Options:

Brake Heater
 Thermostat Manual Override
 Extra Switches Potentiometer
 Position Transmitter

Control:

4-20mA 0-10v 1-5v

B. Pneumatic

Actuator Type:

Air to Air Air to Spring

If air to spring:

Fail open Fail closed

Air supply pressure to actuator:

_____psi

Options:

Solenoid Valve:

Direct Mount Nipple Mount

Enclosure:

NEMA 4 NEMA 7

Switch Box:

SPDT DPDT

Enclosure:

NEMA 4 NEMA 7

Positioner:

Electro-pneumatic
(3-15psi to 4-20mA)
 Pneumatic 3-15psi

NOTES



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