



RELIABLE PNEUMATIC AUTOMATION

Rack & pinion actuated ball valves deliver dependable quarter-turn control for sanitary and industrial process applications. Engineered for long service life, consistent torque output, and reliable operation in demanding environments.

RACK & PINION Actuated Ball Valves



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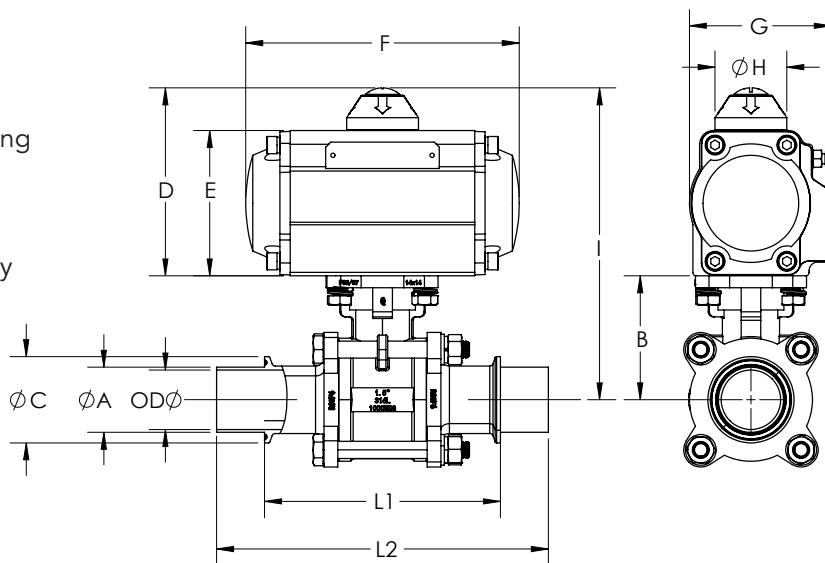
ACTUATED BALL VALVE

FEATURES:

- Valve Materials: 304 and 316L Stainless Steel
- Field serviceable for quick maintenance
- All wetted surfaces $\leq 32Ra$
- ISO 5211 direct valve interface for standard mounting
- Air Supply Ports: 1/4" NPT
- Air Supply Pressure: 40-120 PSI
- Operating Temperature: -40°F to +300°F
- Available actuation types: Normally Open, Normally Closed, and Double Acting

Design Highlights

- Compact, corrosion-resistant body construction
- Double-acting pneumatic operation with spring-return options
- Mechanical open/closed indicator
- Standard or reverse rotation configuration
- Modular and configurable for accessory integration



ACTUATED BALL VALVES - DIMENSIONS

SIZE	OD (in)	A (in)	B (in)	C (in)	Actuator Type	Std. Actuator	D (in)	E (in)	F (in)	G (in)	H (in)	I (in)	L1 (in)	L2 (in)
1/2"	0.50	0.37	1.42	0.99	Double Acting Spring Return	RPA050DA RPA050SR11	2.68	3.58	5.83	2.75	1.57	5.00	3.54	4.72
3/4"	0.75	0.62	1.67	0.99	Double Acting Spring Return	RPA050DA RPA050SR11	2.68	3.58	5.83	2.75	1.57	5.25	4.02	6.14
1"	1.00	0.87	2.07	1.99	Double Acting Spring Return	RPA050DA RPA063SR11	2.68 3.30	3.58 4.21	5.83 6.26	2.75 3.27	1.57	5.65 6.28	4.53	6.46
1-1/2"	1.50	1.37	2.85	1.99	Double Acting Spring Return	RPA063DA RPA075SR11	3.30 4.02	4.21 4.88	6.26 8.39	3.27 3.82	1.57	7.06 7.73	5.43	7.64
2"	2.00	1.87	3.13	2.52	Double Acting Spring Return	RPA075DA RPA100SR11	4.02 5.04	4.88 5.87	8.39 10.67	3.82 4.80	1.57	8.01 9.00	6.14	8.74
2-1/2"	2.50	2.37	3.74	3.05	Double Acting Spring Return	RPA085DA RPA115SR11	4.56 5.74	5.43 6.89	9.80 12.40	4.17 5.55	1.57 2.36	9.17 10.63	6.69	9.25
3"	3.00	2.87	4.35	3.58	Double Acting Spring Return	RPA100DA RPA115SR11	5.04 5.74	5.87 6.89	10.67 12.40	4.80 5.55	1.57 2.36	10.22 11.24	7.76	9.76
4"	4.00	3.83	5.04	4.68	Double Acting Spring Return	RPA100DA RPA125SR11	5.04 6.22	5.87 7.48	10.67 13.62	4.80 8.22	1.57 2.36	10.91 12.52	9.53	12.80

Note: Actuator @ 80 psi; valve torque @ max ΔP ; clean media; ambient temp

HOW TO ORDER

Valve Part #

W6BVETC-P-1

+

Actuator

R1 = RPA SR
R2 = RPA DA

+

Options

Blank = None
1 = Reverse Rotation (CW)
2 = Oversized (Next Size)

+

Operations

NC = Normally Closed
NO = Normally Open
Blank = N/A (Double Action)

Example:

W6BVETC-P-1

+

R1

+

-

+

NC

(W6BVETC-P-1-R1NC)

(316L Ball Valve, PTFE Seats and Seals, Clamp End Connections, 1" Valve, Aluminum Rack and Pinion Actuator, Model RPA063SR11, Spring Return, Normally Closed)

