

BASIKS

Air Actuated Ball Valves

Actuator Features

- Million cycle design
- Polished bore & low friction bearings
- Visual indication
- Blowout proof shaft
- Precision machined gears
- Meets ASTM B117-73 (500 hours salt spray)



PVC or CPVC ball valves with compact actuators

Design & Materials

Valve body, stem, ball, seat carrier, union nuts and connections are choice of PVC or CPVC. Seats are PTFE; o-rings are choice of EPDM or FKM (Viton).

Actuator body is aluminum alloy (ASTM 6063-T6 and ASTM B179) with additional components constructed of nickel plated steel, stainless steel, spring steel, high alloy spring steel, aluminum, nylon, nitrile, and acetal resin.

Requires 60 PSI clean dry air.

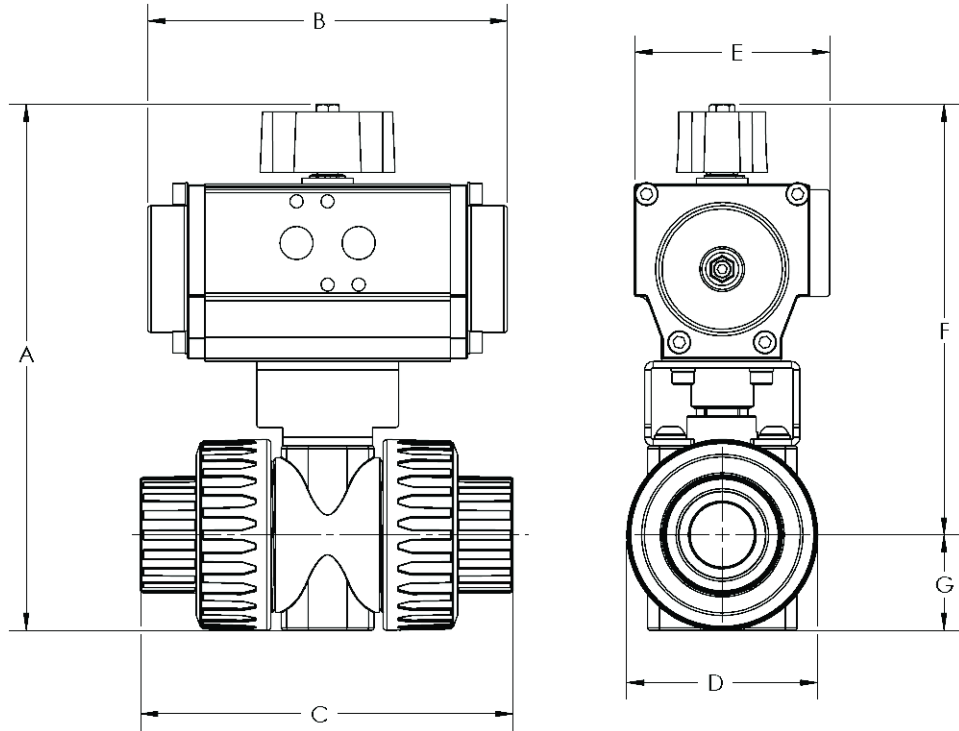


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VALVE SIZE	A		B		C		D		E		F		G	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
ABT050 (1/2")	6.36	161	4.61	117	4.47	114	2.12	54	1.93	49	5.25	133	1.10	28
ABT075 (3/4")	6.76	172	4.61	117	4.90	125	2.51	64	1.93	49	5.46	139	1.30	33
ABT100 (1")	7.96	202	5.44	138	5.64	143	2.89	73	2.95	75	6.52	166	1.44	37
ABT125 (1-1/4")	9.92	252	6.07	154	7.09	180	3.85	98	3.39	86	8.00	203	1.92	49
ABT150 (1-1/2")	9.92	252	6.07	154	7.19	183	3.85	98	3.39	86	8.00	203	1.92	49
ABT200 (2")	10.79	274	6.07	154	8.09	205	4.76	121	3.39	86	8.41	214	2.38	60
ABT300 (3")	15.31	389	8.16	207	10.65	271	7.13	181	3.70	94	11.60	295	3.71	94
ABT400 (4")	16.90	429	8.16	207	12.78	325	8.96	228	3.70	94	12.42	315	4.47	114

VALVE SIZE	A		B		C		D		E		F		G	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
SBT050 (1/2")	7.23	184	5.44	138	4.47	114	2.12	54	2.95	75	6.13	156	1.10	28
SBT075 (3/4")	7.66	195	5.44	138	4.90	125	2.51	64	2.95	75	6.36	162	1.30	33
SBT100 (1")	8.60	219	6.07	154	5.64	143	2.89	73	3.39	86	7.16	182	1.44	37
SBT125 (1-1/4")	10.55	268	8.16	207	7.09	180	3.85	98	3.70	94	8.62	219	1.92	49
SBT150 (1-1/2")	10.55	268	8.16	207	7.18	182	3.85	98	3.70	94	8.62	219	1.92	49
SBT200 (2")	11.41	290	8.16	207	8.09	205	4.76	121	3.70	94	9.03	229	2.38	60
SBT300 (3")	16.23	412	10.51	267	10.66	271	7.13	181	4.72	120	12.52	318	3.71	94
SBT400 (4")	17.82	453	10.51	267	12.78	325	8.93	227	4.72	120	13.34	339	4.47	114

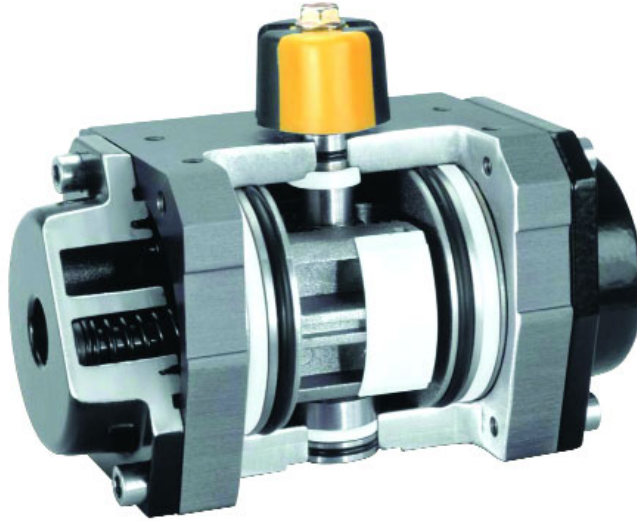


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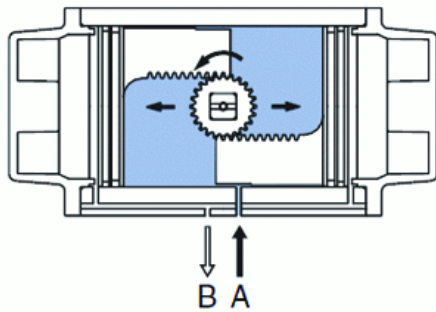
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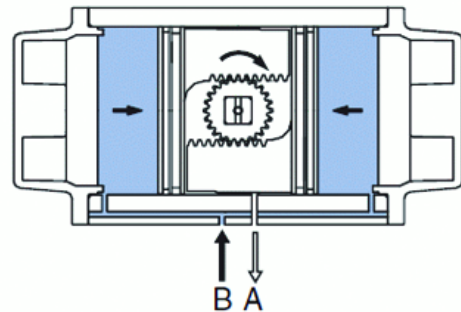


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Air x Air Series ABT

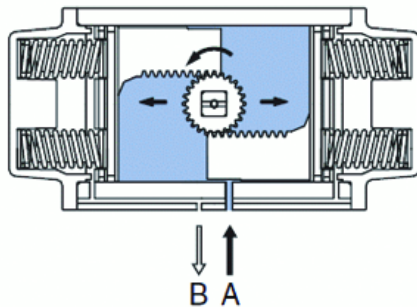


Air supplied to Port A forces pistons apart and toward end positions with exhaust air exiting at Port B.
(A counter-clockwise rotation is obtained)

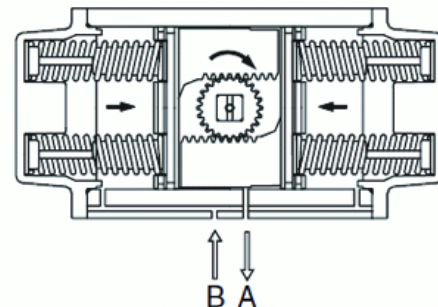


Air supplied to Port B forces pistons toward center with exhaust air exiting at Port A.
(A clockwise rotation is obtained)

Air x Spring Series SBT



Air supplied to Port A forces pistons apart and toward end position, compressing springs. Exhaust air exits at Port B.
(A counter-clockwise rotation is obtained)



Air or electric failure allows springs to force pistons toward center position with exhaust air exiting at Port A.
(A clockwise rotation is obtained)



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<u>ABT</u>	<u>150</u>	<u>EP</u>	<u>S</u>	<u>PV</u>
BASIKS MODEL ABT – AIR X AIR SBT – AIR X SPRING	VALVE SIZE 050 - 1/2" ANSI/NPT 075 - 3/4" 100 - 1" 150 - 1 1/2" 200 - 2" 300 - 3" 400 - 4" 050D - 20mm DIN/BSP 075D - 25mm 100D - 32mm 125D - 40mm 150D - 50mm 200D - 63mm 300D - 90mm 400D - 110mm 050J - 22mm JIS/BSP 075J - 26mm 100J - 32mm 125J - 38mm 150J - 48mm 200J - 60mm 300J - 89mm 400J - 114mm	SEAL MAT'L. EP – EPDM V - VITON	CONNECTION S – Socket T - Threaded	BODY MAT'L. PV – PVC CP - CPVC



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