



Type-23 Multiport™ Ball Valve Data Sheet

FEATURES:

- True union design allows for fast, tool-free installation and maintenance
- Double O-ring stem seals offer enhanced leak protection & peace of mind
- Molded-in ISO 5211 mounting pad supports direct actuator installation
- Reinforced stem for reliable performance in pressurized systems
- L-port ball configuration directs flow from one port to either of the other two or shuts off flow completely
- Can block flow from either side, allowing for maintenance on one side while the other remains pressurized
- PTFE seats with elastomeric backing provides a secure, bubble-tight shutoff and reduces downtime
- Built-in spanner wrench simplifies disassembly and reassembly
- Vacuum capability: rated for full vacuum across all sizes
- Compact 3-way design replaces valve/tee combo, saving space and cost

OPTIONS:

- Pneumatic and electric actuators and accessories
- J-Switch®
- Locking Handles
- Stem extensions
- Limit switches
- 2" square operating nut
- T-port, double L-port

CROSS PORT BALL OPTIONS (1/2" - 2" ONLY):

- Four different flow patterns through three separate ports are possible because of the crossed flow patterns within the ball
- Changing position of handle changes flow pattern - handle rotates full 360 degrees

SPECIFICATIONS:

SIZES: 1/2" - 6"
MODELS: PVC and CPVC: Socket, Threaded, and Flanged (ANSI)
BODIES: PVC, CPVC, PP, and PVDF
SEATS: PTFE backed with EPDM or FKM
SEALS: EPDM or FKM or AFLAS®‡

PVC/EPDM/FKM models (sizes 1/2" - 4") NSF-61 Certified

‡ - Trademark of Asahi Glass Co., Ltd.

PRESSURE VS. TEMPERATURE (PSI, WATER, NON-SHOCK):

Material	Temperature (F)	inches (mm)	
		1/2" - 2" (15 - 50)	3" - 4" (80 - 100)
PVC	30° - 70°	150	150
	71° - 105°	150	150
	106° - 120°	150	150
CPVC	30° - 120°	150	150
	121° - 140°	120	85
	141° - 175°	85	55
	176° - 195°	55	45
PP	-5° - 85°	150	150
	86° - 140°	90	75
	141° - 175°	60	45
PVDF	-5° - 140°	150	150
	141° - 175°	120	100
	176° - 195°	110	85
	196° - 210°	85	70

WEIGHTS (LBS.):

Nominal Size		Socket/Threaded	Flanged
inches	mm		
1/2	15	0.66	1.76
3/4	20	1.10	2.42
1	25	1.76	3.52
1-1/2	40	4.18	6.36
2	50	5.73	8.59
3	80	15.43	18.95
4	100	35.27	39.90

CV VALUES:

Nominal Size		Cv	
inches	mm	L-Port	Double L
1/2	15	7.4	6.3
3/4	20	10	8.5
1	25	23	20
1-1/2	40	43	36
2	50	59	45
3	80	130	99
4	100	260	200

Type-23 Multiport™ Ball Valve Data Sheet

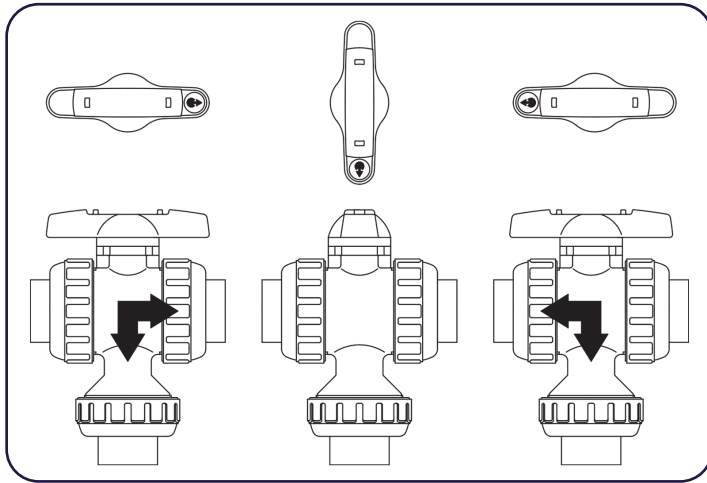
AUTOMATION:

FOR PNEUMATIC ACTUATION: Double L-port ball is supplied as a standard feature. Other configurations available as options. Pneumatic actuators are two-position, 90 degree rotation.

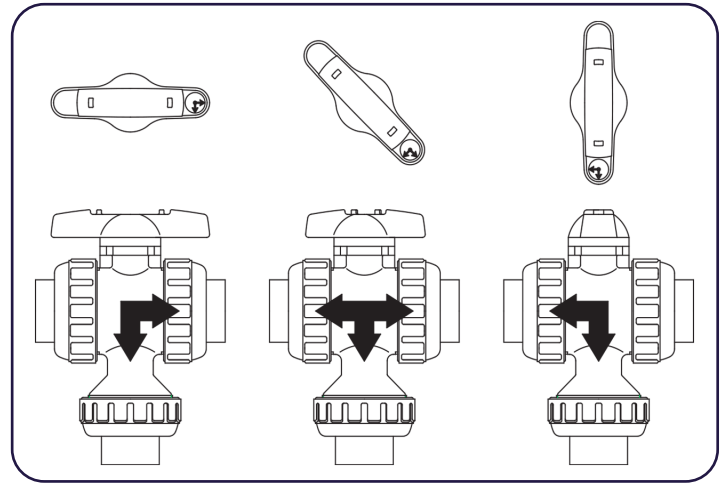
FOR ELECTRIC ACTUATION: L-port ball is supplied as a standard feature. All other ball configurations are available as options. Electric actuators are two-position, 180-degree rotation with the option for a third “center” position.

AVAILABLE FLOW PATTERNS:

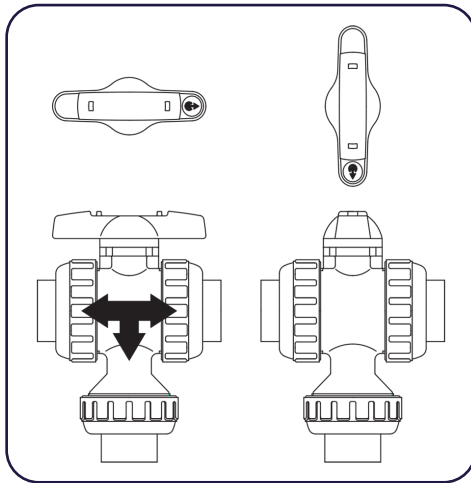
L-PORT:



DOUBLE L-PORT:



T-PORT:



CROSS PORT (1/2" - 2" ONLY):

