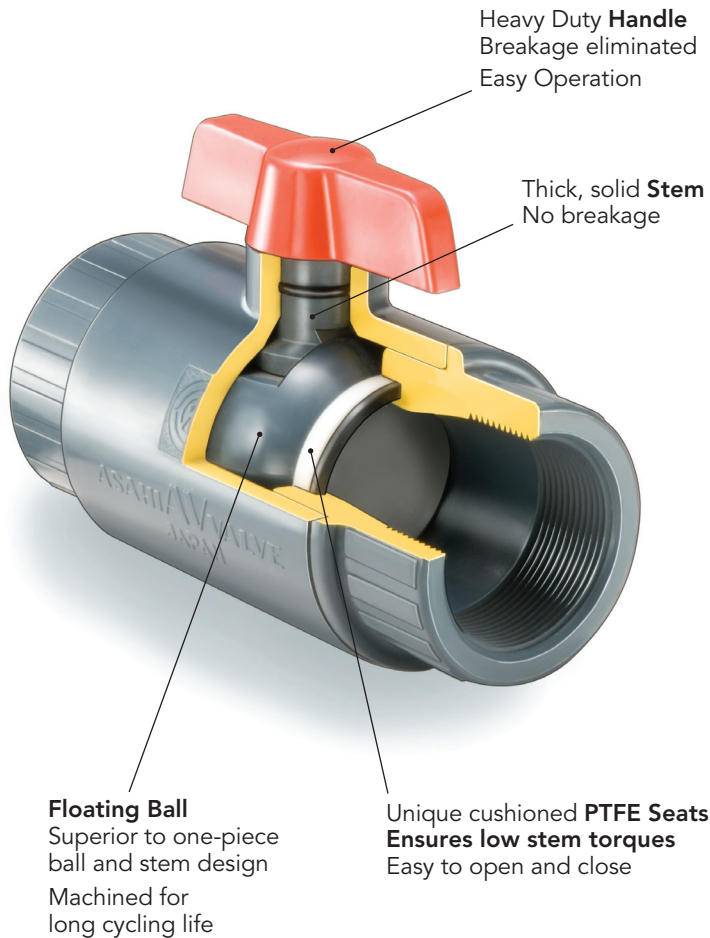


Compact Ball Valves



PVC	CPVC	
SERIES:	OM	
SIZES:	3/8" – 3"	
ENDS:	Threaded, Socket	
SEATS:	PTFE	
STEM SEAL:	EPDM	



Chemline Compact Ball Valves are manufactured to the same high quality standards to the Type 21 True Union ball valve. They are used on applications where union end valves are not necessary or desired such as drain valves for tanks. They are also lower cost and more compact.

Features

Low Cost & Rugged

All PVC or all CPVC Construction

- Handles are colour coded red for PVC, blue for CPVC

High Chemical Resistance

- The PVC as well as CPVC compounds for these valves have an "A" chemical resistance rating² – superior to competition

Full Port

- Low pressure loss

Low Stem Torques

- Due to floating ball design and cushioned PTFE seats

Compact

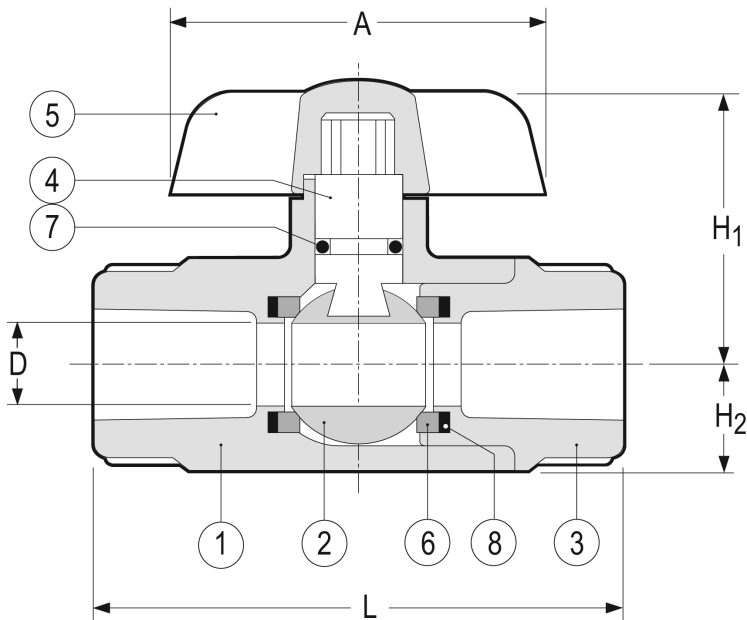
- Space saving



Available with **Electromni® Electric Actuator**

¹ PVC valves with EPDM seal are certified under NSF/ANSI Standard 61 for contact with drinking water.
² Designation for chemical resistance as per ASTM D-1784.

Compact Ball Valves



PARTS

No.	Part ¹	Pcs.	Materials
1	Body	1	PVC, CPVC
2	Ball	1	PVC, CPVC
3	End Connector	1	PVC, CPVC
4	Stem	1	PVC, CPVC
5	Handle	1	ABS
6	Seat	2	PTFE
7	Stem O-Ring	1	EPDM
8	Seat Cushion	2	EPDM

¹Parts for identification only and cannot be replaced.

DIMENSIONS INCHES

Size	D	L	A	H ₁	H ₂
3/8"	.51	3.35	2.4	1.65	0.69
1/2"	.51	3.35	2.4	1.65	0.69
3/4"	.79	4.00	3.2	2.20	0.95
1"	1.00	4.49	3.2	2.36	1.16
1-1/4"	1.22	5.00	3.7	2.76	1.31
1-1/2"	1.40	6.03	4.3	3.00	1.44
2"	1.80	6.93	4.3	3.34	1.74
3"	2.76	9.25	7.9	4.80	2.58

WORKING PRESSURES PSI

Size	PVC		CPVC		
	0-50°C 68-122°F	0-50°C 68-122°F	60°C 140°F	80°C 176°F	90°C 194°F
3/8"	150	150	120	85	55
1/2"	150	150	120	85	55
3/4"	150	150	120	85	55
1"	150	150	120	85	55
1-1/4"	150	150	120	85	55
1-1/2"	150	150	120	85	55
2"	150	150	120	85	55
3"	150	150	120	85	55

NET WEIGHTS LB.

Size	PVC	CPVC
	0.3	0.3
0.3	0.3	
0.4	0.5	
0.7	0.8	
0.9	1.0	
1.2	1.3	
2.0	2.1	
6.3	6.8	

C_v VALUES

Size	USGPM Flow at 1 psi ΔP
3/8"	7.7
1/2"	14.0
3/4"	29.0
1"	47.0
1-1/4"	72.0
1-1/2"	140.0
2"	185.0
3"	410.0

Temperature Ranges: PVC -0 to 60°C (32 to 140°F), CPVC -0 to 95°C (32 to 203°F)

SAMPLE SPECIFICATION - PVC

All Ball Valves (to 3") are to be Chemline OM Series Compact or equal with EPDM stem O-ring, PTFE seats with EPDM cushions, and free floating ball. PVC compound will have cell classification 12454-A with minimum "A" suffix designation for chemical resistance as per ASTM D-1784. Valve shall be certified under NSF/ANSI Standard 61 for contact with drinking water.

ORDERING EXAMPLE

Chemline Compact Ball Valves		OM	A	020	T
Valve Material	A - PVC	C - CPVC			
Size	003 - 3/8"	005 - 1/2"	007 - 3/4"	010 - 1"	
	012 - 1-1/4"	015 - 1-1/2"	020 - 2"	030 - 3"	
Ends	S - Socket	T - Threaded			

Example: Compact Ball Valve, PVC, 2", threaded ends.

VACUUM RATING

• 29.9 inches mercury

OPTIONS & ACCESSORIES

- Electrically Actuated - See Electromni® Electric Actuator data page
- Flanged Ends