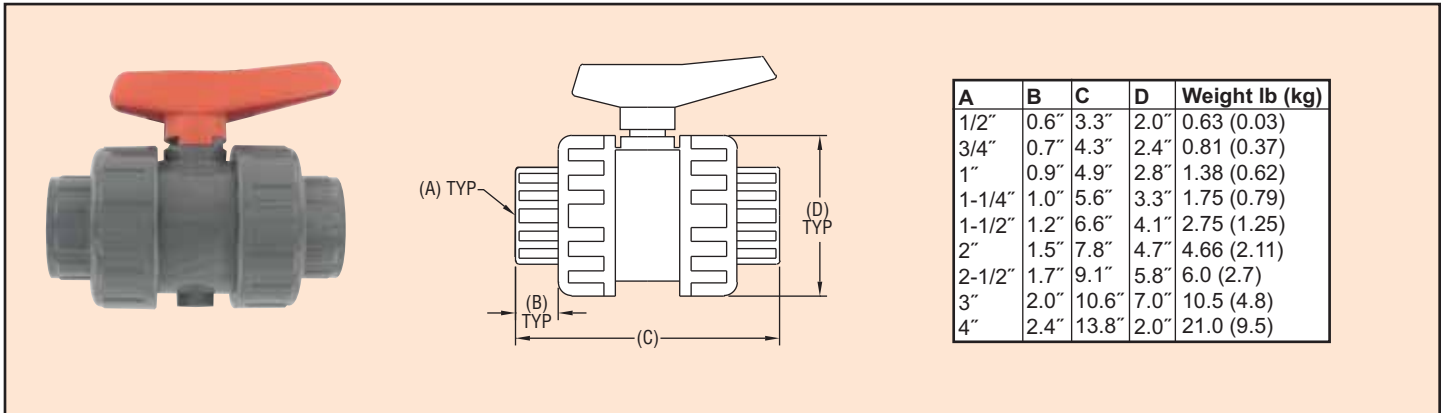




Series
TBV2

Industrial True Union Ball Valves

PVC or CPVC Construction, Full Port



A	B	C	D	Weight lb (kg)
1/2"	0.6"	3.3"	2.0"	0.63 (0.03)
3/4"	0.7"	4.3"	2.4"	0.81 (0.37)
1"	0.9"	4.9"	2.8"	1.38 (0.62)
1-1/4"	1.0"	5.6"	3.3"	1.75 (0.79)
1-1/2"	1.2"	6.6"	4.1"	2.75 (1.25)
2"	1.5"	7.8"	4.7"	4.66 (2.11)
2-1/2"	1.7"	9.1"	5.8"	6.0 (2.7)
3"	2.0"	10.6"	7.0"	10.5 (4.8)
4"	2.4"	13.8"	2.0"	21.0 (9.5)

The Series TBV2 Industrial True Union Ball Valves are an economical, PVC or CPVC constructed ball valve ideal for chemical and wastewater applications. The true union design permits easy removal from a piping system without breaking down piping connections. The valve body can be easily lifted out of the line by unscrewing two assembly nuts. A special threaded seal retainer allows for the seat to be adjusted while maintaining downstream system pressure. Series TBV2 ball valves feature a double o-ring stem seal for twice the leakage protection of valves with only a single stem seal. All plastic construction gives this line of valves superior corrosion resistance. Full port design provides maximum Cv with minimal pressure drop.

FEATURES

- Ideal corrosion resistant ball valve for chemical and waste water applications.
- Threaded seal carrier.
- Easy to service.
- Double stem seals.
- Reversible PTFE seats.

SPECIFICATIONS

Service: Compatible liquids.

Line Size: 1/2" to 4".

Process Connections: Socket or Female NPT.

Pressure Limits: 250 psi (17.2 bar).

Wetted Materials: Ball, Stem, End Connector, Body, Seal Retainer: PVC or CPVC; O-Ring: EPDM or FPM; Seat: PTFE.

Temperature Limits:

PVC: 150°F (43°C).

CPVC: 215°F (93°C).

Other Materials: Handle: PP; Union Nut: PVC or CPVC.

Agency Approvals: Meets NSF.

Size	Cv	Model	Body Material	Seal	Connection	Size	Cv	Model	BodyMaterial	Seal	Connection
1/2"	7	TBV2-1102D	PVC	EPDM	Socket/Threaded	1/2"	8	TBV2-2102D	CPVC	EPDM	Socket/Threaded
3/4"	18	TBV2-1103D	PVC	EPDM	Socket/Threaded	3/4"	16	TBV2-2103D	CPVC	EPDM	Socket/Threaded
1"	32	TBV2-1104D	PVC	EPDM	Socket/Threaded	1"	29	TBV2-2104D	CPVC	EPDM	Socket/Threaded
1-1/4"	114	TBV2-1105D	PVC	EPDM	Socket/Threaded	1-1/4"	75	TBV2-2105D	CPVC	EPDM	Socket/Threaded
1-1/2"	203	TBV2-1106D	PVC	EPDM	Socket/Threaded	1-1/2"	90	TBV2-2106D	CPVC	EPDM	Socket/Threaded
2"	243	TBV2-1107D	PVC	EPDM	Socket/Threaded	2"	150	TBV2-2107D	CPVC	EPDM	Socket/Threaded
2-1/2"	292	TBV2-1108T	PVC	EPDM	Threaded	2-1/2"	340	TBV2-2108T	CPVC	EPDM	Threaded
2-1/2"	292	TBV2-1108S	PVC	EPDM	Socket	2-1/2"	340	TBV2-2108S	CPVC	EPDM	Socket
3"	441	TBV2-1109T	PVC	EPDM	Threaded	3"	490	TBV2-2109T	CPVC	EPDM	Threaded
3"	441	TBV2-1109S	PVC	EPDM	Socket	3"	490	TBV2-2109S	CPVC	EPDM	Socket
4"	476	TBV2-1110T	PVC	EPDM	Threaded	4"	600	TBV2-2110T	CPVC	EPDM	Threaded
4"	476	TBV2-1110S	PVC	EPDM	Socket	4"	600	TBV2-2110S	CPVC	EPDM	Socket
1/2"	7	TBV2-1202D	PVC	FPM	Socket/Threaded	1/2"	8	TBV2-2202D	CPVC	FPM	Socket/Threaded
3/4"	18	TBV2-1203D	PVC	FPM	Socket/Threaded	3/4"	16	TBV2-2203D	CPVC	FPM	Socket/Threaded
1"	32	TBV2-1204D	PVC	FPM	Socket/Threaded	1"	29	TBV2-2204D	CPVC	FPM	Socket/Threaded
1-1/4"	114	TBV2-1205D	PVC	FPM	Socket/Threaded	1-1/4"	75	TBV2-2205D	CPVC	FPM	Socket/Threaded
1-1/2"	203	TBV2-1206D	PVC	FPM	Socket/Threaded	1-1/2"	90	TBV2-2206D	CPVC	FPM	Socket/Threaded
2"	243	TBV2-1207D	PVC	FPM	Socket/Threaded	2"	150	TBV2-2207D	CPVC	FPM	Socket/Threaded
2-1/2"	292	TBV2-1208T	PVC	FPM	Threaded	2-1/2"	340	TBV2-2208T	CPVC	FPM	Threaded
2-1/2"	292	TBV2-1208S	PVC	FPM	Socket	2-1/2"	340	TBV2-2208S	CPVC	FPM	Socket
3"	441	TBV2-1209T	PVC	FPM	Threaded	3"	490	TBV2-2209T	CPVC	FPM	Threaded
3"	441	TBV2-1209S	PVC	FPM	Socket	3"	490	TBV2-2209S	CPVC	FPM	Socket
4"	476	TBV2-1210T	PVC	FPM	Threaded	4"	600	TBV2-2210T	CPVC	FPM	Threaded
4"	476	TBV2-1210S	PVC	FPM	Socket	4"	600	TBV2-2210S	CPVC	FPM	Socket