



PVC Three Way Ball Valve



KEY FEATURE

- Pressure rate up to 16 bar at 20°C (68°F)
- Ball seats in PTFE
- Seals in EPDM or FPM
- Easy maintenance
- T bore ball or L bore

Technical Information

Size	Material	End Connection
1/2" to 2"	PVC	Socket Thread or Flanged



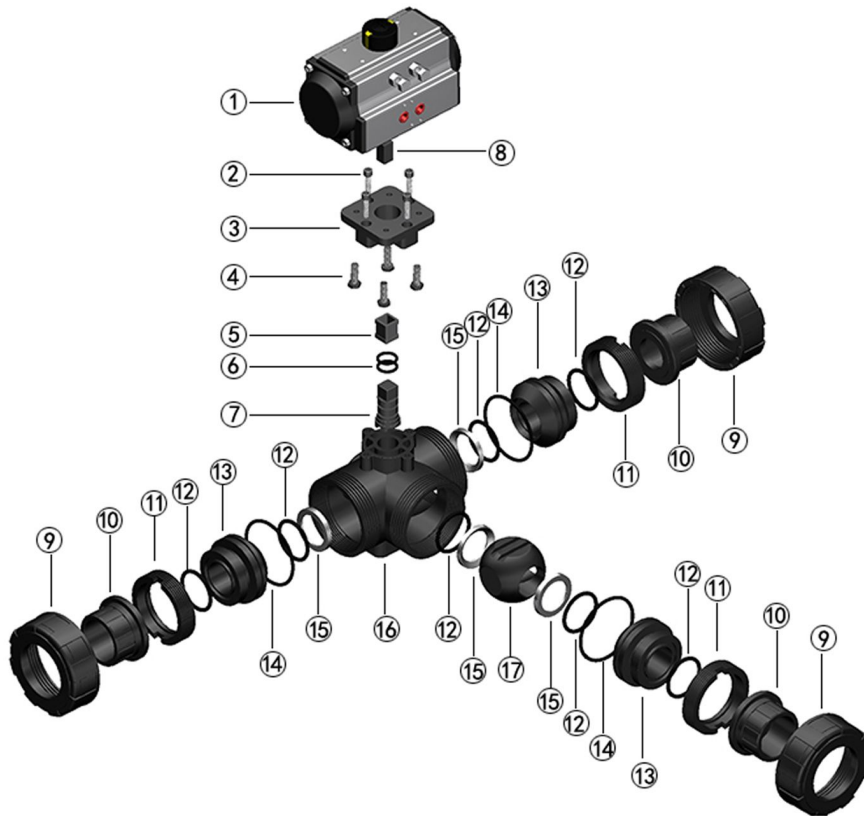
YDKL Three-Way True Union Ball Valve



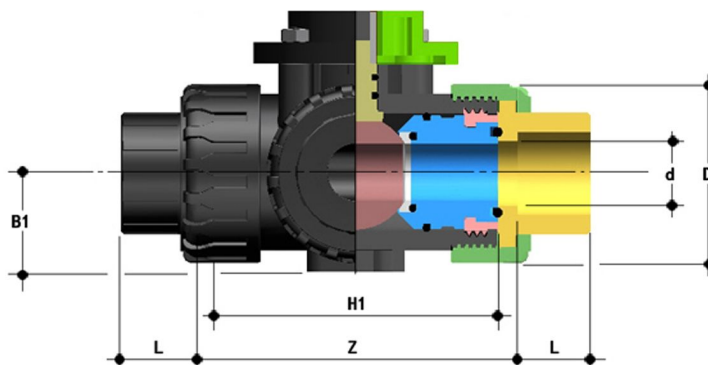
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TECHNICAL INFORMATION *continued*



NO	PARTS	PCS	MATERIAL
1	Pneumatic Actuator	1	Aluminum
2	Screw	4	Stainless Steel
3	Land	1	Nylon
4	Screw	4	Stainless Steel
5	Square Set	1	Stainless Steel
6	O-Ring	2	EPDM
7	Shaft	1	PVC
8	Square Shaft	1	Stainless Steel
9	Lock Nut	3	PVC
10	Union	3	PVC
11	Clasp	3	PVC
12	O-Ring	7	EPDM
13	Supporting	3	PVC
14	O-Ring	3	EPDM
15	Valve Set	4	PTFE
16	Valve Body	1	PVC
17	Ball	1	PVC



SIZE	D	d	B1	H	H1	Z	L
DN15-1/2"	69	15	38.5	163	109	119	22
DN20-3/4"	69	22	38.5	172	109	123	24.5
DN25-1"	82	25	46	200	130	144	28
DN32-1-1/4"	82	25	46	208	130	144	32
DN40-1-1/2"	117	38	64	240	154	171	34.5
DN50-2"	117	38	64	246	154	171	37.5

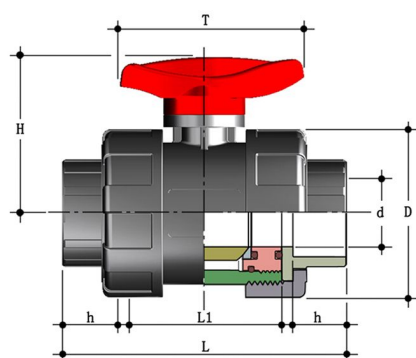


PVC TRUE UNION BALL VALVE

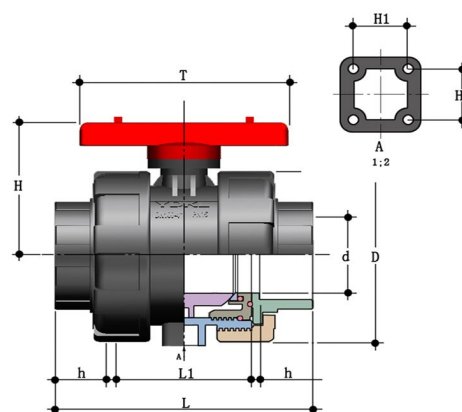


FEATURES & BENEFITS

- .150PSI @73Deg.F.
- .True union design
- .Gray & White Color
- .Size: 1/2"to 4"
- .Available to install actuator

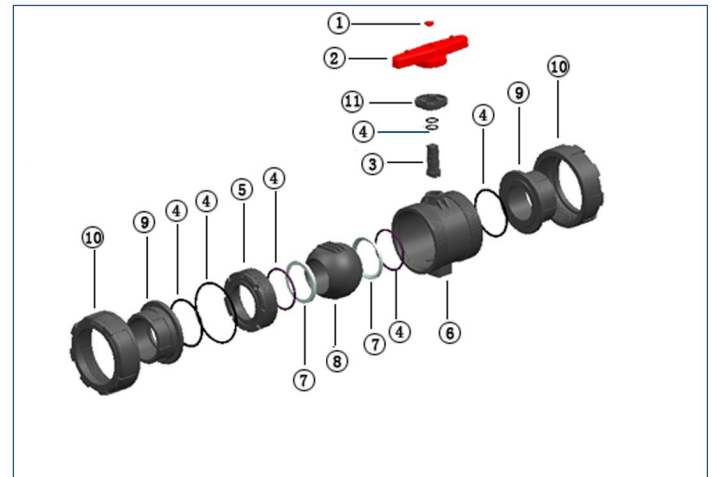
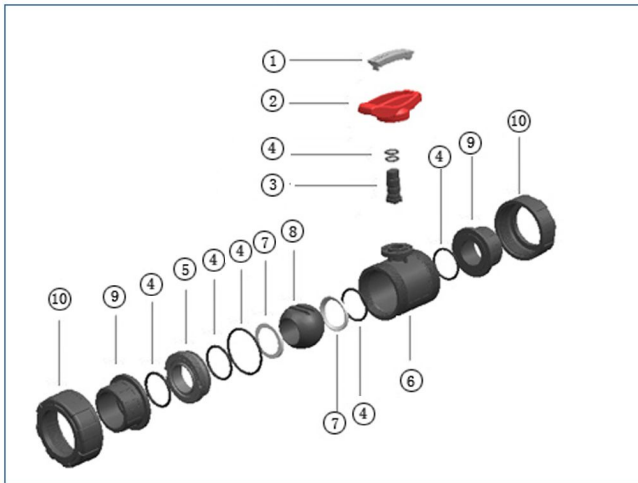


1/2" - 2"

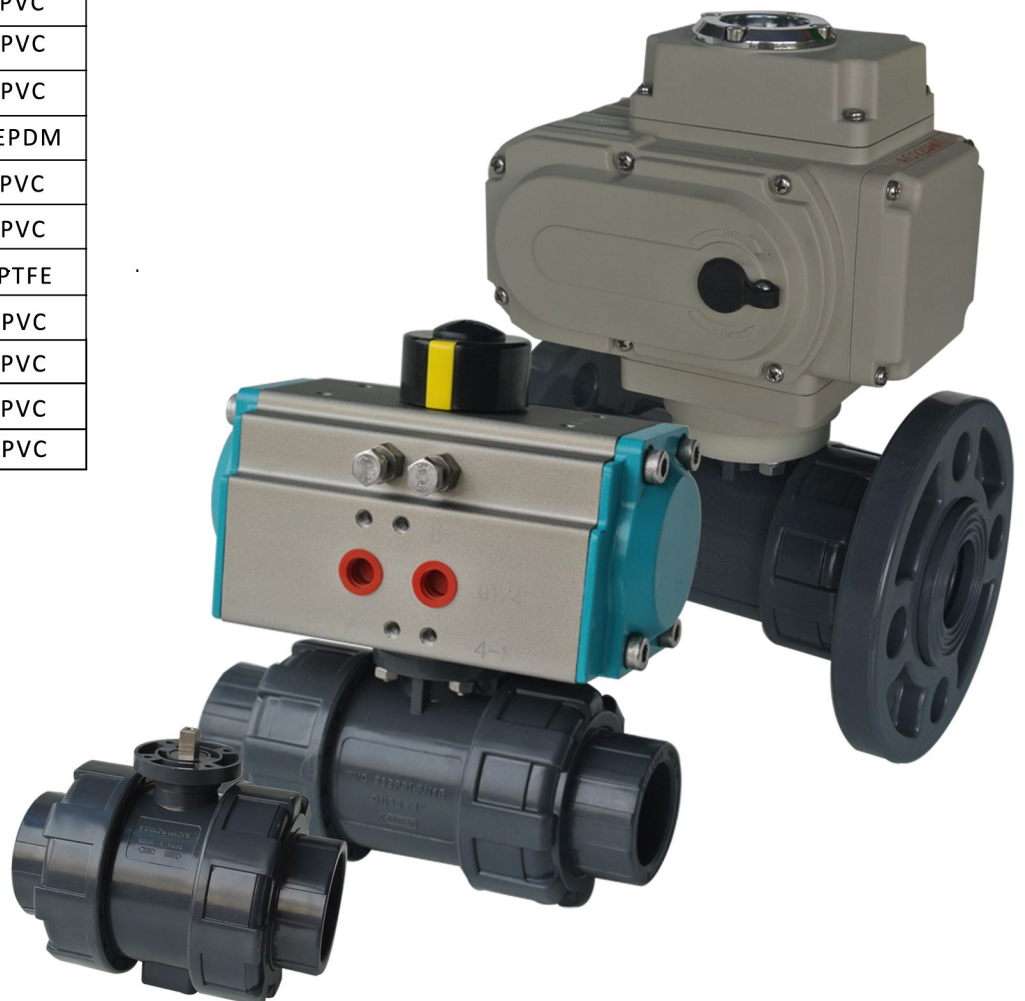


2-1/2" - 4"

SIZE	D	d	H	h		L	L1	T	H1	H2
				(Thread)	(Socket)					
1/2"	50.5	12.8	52.5	16.0	22.5	120.0	67.0	72.8	N/A	N/A
3/4"	62.5	19.0	60.4	18.0	25.0	135.0	72.0	72.8	N/A	N/A
1"	69.0	24.5	71.0	22.0	27.5	150.0	80.0	90.0	N/A	N/A
1-1/4"	82.5	30.0	85.0	25.0	31.5	167.0	89.5	108.5	N/A	N/A
1-1/2"	99.0	38.0	99.0	27.0	34.0	178.0	93.0	121.5	N/A	N/A
2"	122.6	49.0	113.5	31.0	38.0	204.0	111.0	134.0	N/A	N/A
2-1/2"	150.0	64.0	132.0	38.0	44.5	234.0	120.6	170.0	35	35
3"	178.2	79.0	156.0	43.0	49.0	259.0	138.5	221.0	35	35
4"	218.5	99.0	178.0	57.0	63.5	311.0	163.5	250.0	35	35



No.	Part	Pcs	Material
1	Cap	1	PVC
2	Handle	1	PVC
3	Stem	1	PVC
4	O-Ring	7	EPDM
5	Seal Carrier	1	PVC
6	Body	1	PVC
7	Seat Seal	2	PTFE
8	Ball	1	PVC
9	Connector	2	PVC
10	Union Nut	2	PVC
11	Flange	1	PVC





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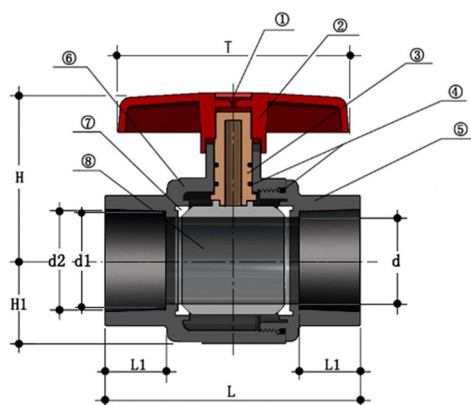
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PVC 2 PIECES BALL VALVE

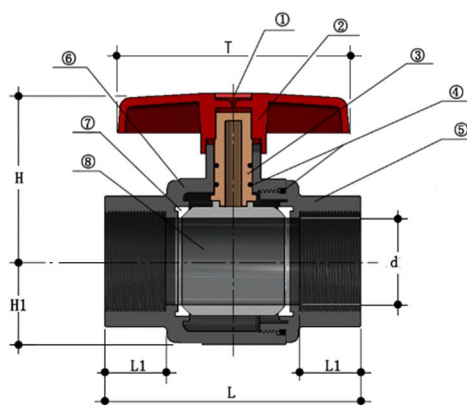


FEATURES & BENEFITS

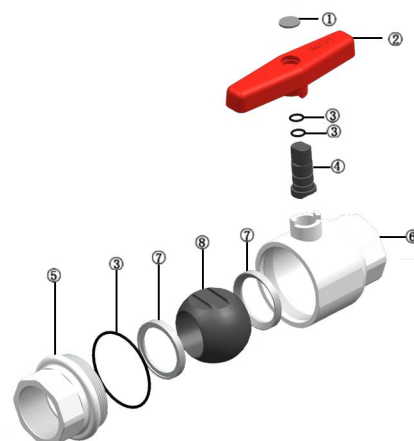
- .150PSI@73Deg.F.
- .2PCS Design
- .Gray & White Color
- .Size: 2-1/2" to 4"



Socket



Thread



Explosive Chart

DIMENSIONS

Size	L	L1 Socket	L1 Thread	d	d1	d2	H	T	H1
2-1/2"	187.0	46	36	64	72.85	73.38	123.5	170.5	61
3"	211.0	50	42	76	88.70	89.31	138.5	210.3	67
4"	260.6	64	52	97	114.07	114.76	165.5	250.5	89

MATERIAL SPECIFICATIONS

No.	Part	Pcs	Material
1	Cap	1	PVC
2	Handle	1	PVC
3	Stem	1	PVC
4	O-Ring	3	EPDM
5	Connector	1	PVC
6	Body	1	PVC
7	Seat	2	TPE
8	Ball	1	PVC

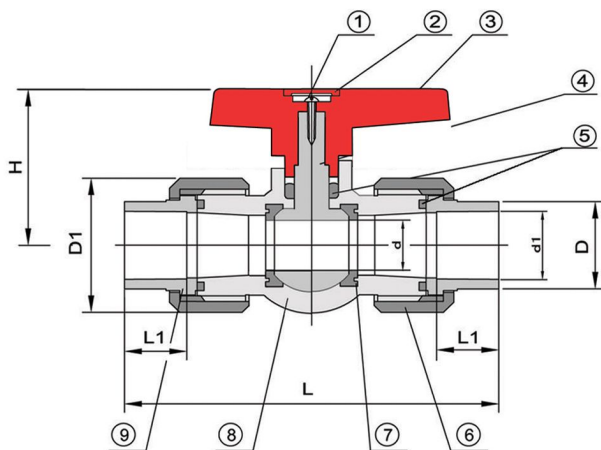


PVC DOUBLE UNION BALL VALVE



FEATURES & BENEFITS

- Gray and White PVC
- Compact and Lightweight Design
- Rated at Full 150 PSI
- Easy 1/4-Turn Operation
- EPDM Seals
- True Union End Connections



No.	Part	Pcs	Material
1	Screw	1	Steel
2	Cap	1	ABS
3	Handle	1	ABS
4	Ball	1	PP
5	O-Ring	2	EPDM
6	Nut	2	PVC
7	Seat	2	TPE
8	Body	1	PVC
9	Adaptor	2	PVC

SIZE in/DN	d1 in/mm	D in/mm	D1 in/mm	L1 in/mm	L in/mm	H in/mm
1/2/15	0.83/21	1.07/27	1.61/41	0.69/18	4.30/109	1.78/45
3/4/20	1.05/27	1.33/34	1.97/50	0.76/19	4.60/117	2.01/51
1/25	1.31/33	1.64/42	2.32/59	0.97/25	5.30/134	2.26/57
1-1/4/32	1.66/42	2.04/52	2.75/70	1.13/29	6.20/157	2.66/68
1-1/2/40	1.90/48	2.43/62	3.37/86	1.30/33	6.90/175	2.91/74
2/50	2.37/60	3.09/78	4.13/105	1.59/40	8.00/203	3.32/84



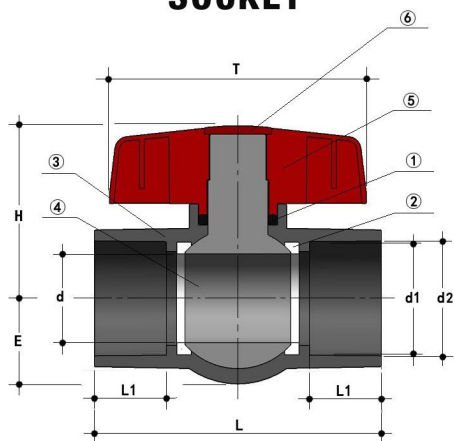
PVC COMPACT OCTAGONAL BALL VALVE



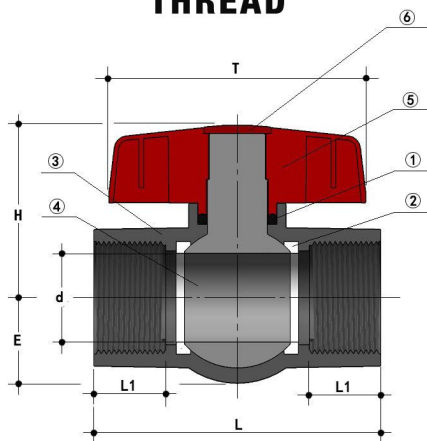
FEATURES & BENEFITS

- .150PSI@73Deg.F.
- .Compact Design
- .Gray & White Color
- .Size: 1/2" to 2"

SOCKET



THREAD



No	Part	Material
1	O-Ring	EPDM
2	Gasket	TPE
3	Body	PVC
4	Ball	PP
5	Handle	ABS
6	Cap	ABS

SIZE	L	L1 THREAD	L1 SOCKET	H	T	E	d	d1	d2
1/2"	69.8	18.0	18.5	42.3	65.0	17.8	15.0	21.24	21.54
3/4"	79.2	22.0	22.0	48.5	71.8	21.0	20.0	26.57	26.87
1"	94.5	25.0	26.2	58.0	87.8	25.7	25.0	33.27	33.65
1-1/4"	106.8	26.0	26.8	63.5	99.6	31.0	31.0	42.04	42.42
1-1/2"	122.8	31.0	31.2	73.0	109.8	36.7	37.0	48.11	48.56
2"	142.7	34.0	34.5	84.4	127.5	44.6	47.0	60.17	60.63



PVC COMPACT BALL VALVE

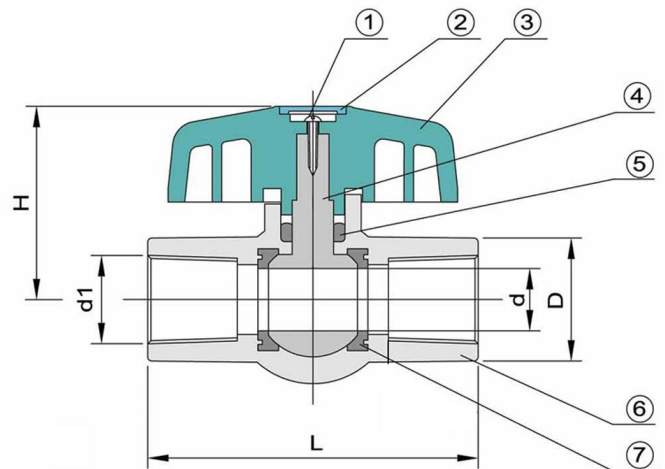


FEATURES & BENEFITS

- .150PSI@73Deg.F.
- .Compact Design
- .Gray & White Color
- .Size: 1/2" to 4"
- .EPDM or NBR O-ring Seal
- .Low Torque Easy 1/4-turn operation

MATERIAL SPECIFICATIONS

No.	Part	Pcs	Material
1	Screw	1	Steel
2	Cap	1	ABS
3	Handle	1	ABS
4	Ball	1	PP or PVC
5	O-Ring	1	EPDMor NBR
6	Body	1	PVC
7	Seat	2	TPE



DIMENSIONS-INCHES/MILLIMETERS

Size in / DN	d1 in / mm	D in / mm	d in / mm	L in / mm	H in / mm
1/2 / 15	0.83 / 21	1.24 / 31	0.80 / 20	2.90 / 74	1.78 / 45
3/4 / 20	1.05 / 27	1.45 / 37	0.89 / 23	3.04 / 77	2.01 / 51
1 / 25	1.31 / 33	1.77 / 45	1.08 / 27	4.00 / 102	2.26 / 57
1-1/4 / 32	1.66 / 42	2.07 / 53	1.06 / 27	4.30 / 109	2.66 / 68
1-1/2 / 40	1.90 / 48	2.49 / 63	1.14 / 29	4.80 / 122	2.91 / 74
2 / 50	2.37 / 60	3.01 / 76	1.42 / 36	5.70 / 145	3.32 / 84
2-1/2 / 63	2.87 / 73	3.54 / 90	1.80 / 46	7.20 / 183	4.07 / 103
3 / 80	3.50 / 89	4.25 / 108	2.40 / 61	9.30 / 236	4.47 / 114
4 / 100	4.50 / 114	5.21 / 132	2.52 / 64	10.10 / 257	4.89 / 124



PVC SINGLE UNION BALL VALVE



KEY FEATURE

- Pressure rate up to 16 bar at 20°C (68°F)
- Ball seats in PTFE
- Seals in EPDM or FPM
- Easy maintenance

Technical Information

Size	Material	End Connection
1/2" to 2"	PVC	Socket Thread or Flanged



TO BE CONTINUE....