

Single Union PVC Ball Valve

½", ¾ & 1"

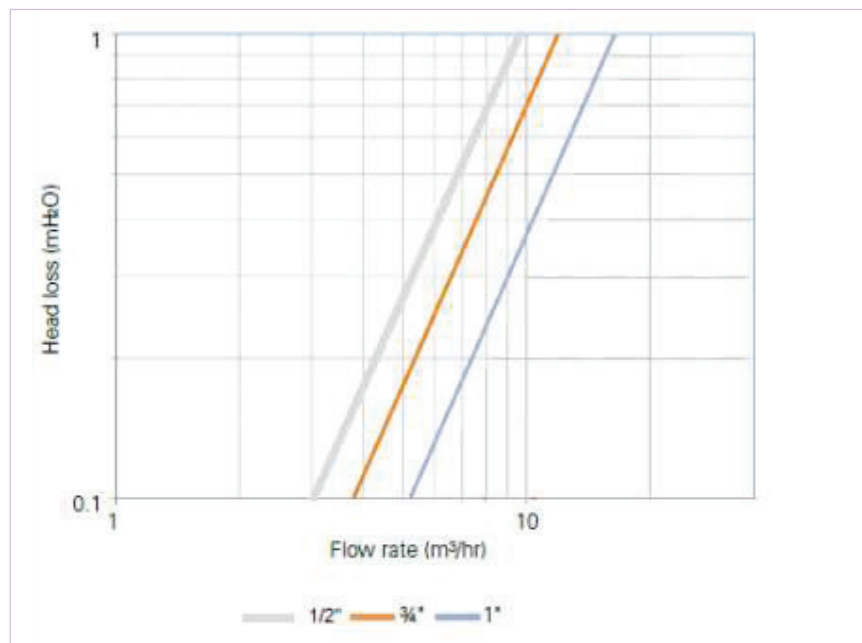


Features

- Quarter Turn Hand operated ON/Off Ball Valve.
- End connection : Threaded / Solvent Socket.
- Operating Pressure: 16 bar
- User friendly design allows smooth operation of handle.
- Industrial, chemical, turf & agriculture irrigation system, pool and spa application.
- Chemical / Corrosion resistant, Color UV stabilized.

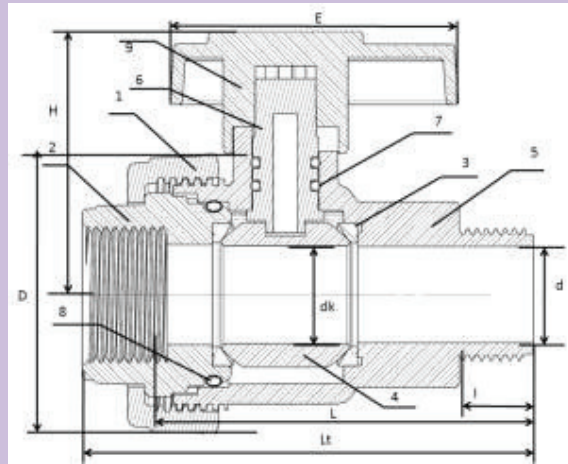
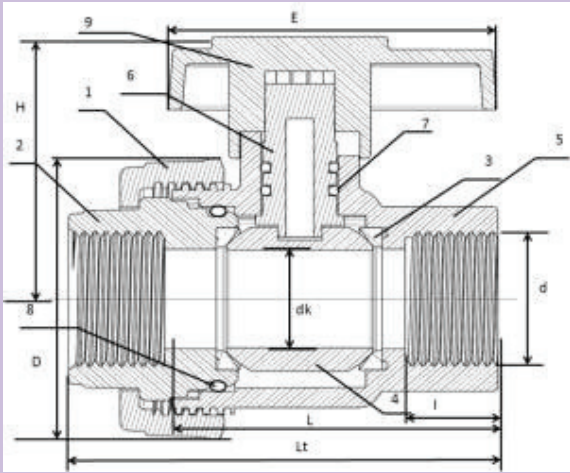
Material Specification

PART NO	PART NAME	MATERIAL	QTY.
1	Ring	UPVC	1
2	Bush	UPVC	1
3	Seal	TPE	2
4	Ball	UPVC	1
5	Body	UPVC	1
6	Shaft	UPVC	1
7	Shaft O-Ring	HNBR	2
8	Main O-Ring	HNBR	1
9	Handle	ABS	1



Single Union PVC Ball Valve

½", ¾" & 1"



Dimensions (mm)

PVC Ball Valve (Inlet - Threaded Female : Outlet - Threaded male)

Nom Size	BSP Thd./in	NPT Thd./in	dk	D	I	L	Lt	E	H
15mm (½")	14	14	20	60	16	80.2	99.15	60.8	56
20mm (¾")	14	14	20	60	18	80.2	99.15	60.8	56
25mm (1")	11	11.5	24	69	17.7	89	110.4	71	66

PVC Ball Valve (Inlet - Threaded Female : Outlet - Threaded Female)

Nom Size	BSP Thd./in	NPT Thd./in	dk	D	I	L	Lt	E	H
15mm (½")	14	14	20	60	16	63.5	82.6	60.8	56
20mm (¾")	14	14	20	60	18	63.5	82.6	60.8	56
25mm (1")	11	11.5	24	69	21.8	73	94	71	66

PVC Ball Valve (Inlet - Solvent Cement Joint Female : Outlet - Solvent Cement Joint Female)

Nom Size	ASTM d	BS d	ISO d	dk	D	I	L	Lt	E	H
15mm (½")	21.2	21.4	20.2	20	60	16	63.5	82.6	60.8	56
20mm (¾")	26.67	26	25	20	60	18	63.5	82.6	60.8	56
25mm (1")	33.4	34	32	24	69	21.8	73	94	71	66

NOTE: All Sizes & Type of ball valves also available in Polypropylene (PP) with Pressure Rating (PN-6)



E-mail: contactus@automatworld.com
 Website: www.automatworld.com

Creating a Green World

Single Union PVC Ball Valve

1¼", 1½", 2", 2½" & 3"



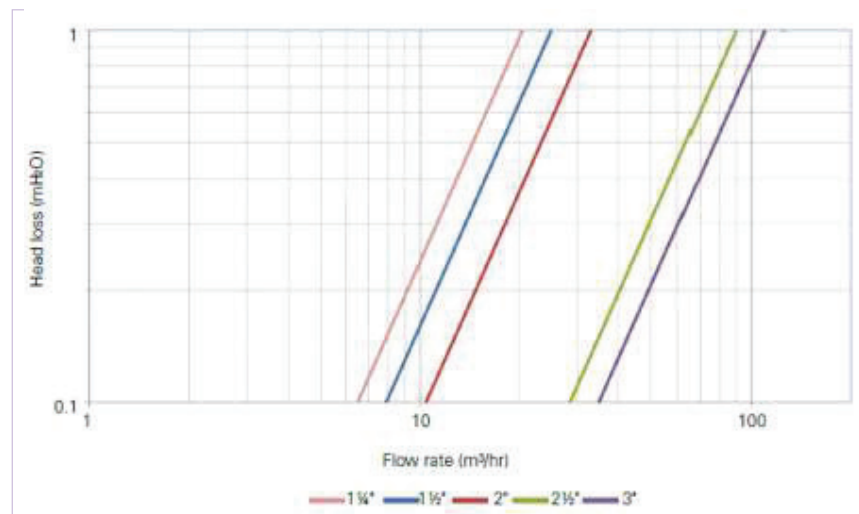
Features

- Quarter Turn Hand operated ON/Off Ball Valve.
- End connections : Threaded/Solvent Socket
- Operating Pressure: 16 Bar for 1¼", 1½" and 2" model.
- For 2½" and 3" model it is PN 10
- Male x Female connection is also available (1¼", 1½", 2", 2½" and 3") for turf application.
- User friendly design allows smooth operation of handle.
- Union nut load does not get transferred on to ball.
- TPE Seals effect ensures leakage free and low fixed torque.
- Chemical/Corrosion resistant, Color UV stabilized.

Material Specification

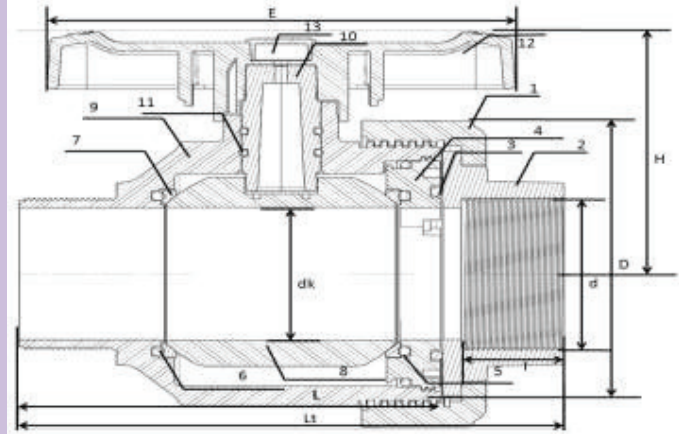
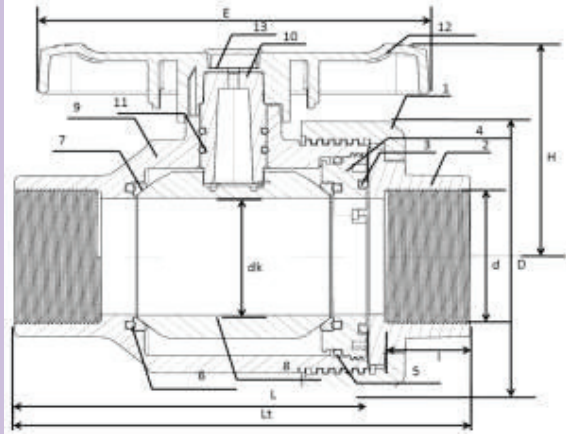
PART NO	PART NAME	MATERIAL	QTY.
1	Ring	UPVC	1
2	Socket	UPVC	1
3	Bush Small O-Ring	HNBR	1
4	Bush	UPVC	1
5	Bush Big O-Ring	HNBR	1
6	*Seal Washer	HNBR	2
7	Seal	TPE	2
8	Ball	UPVC	1
9	Body	UPVC	1
10	Shaft	UPVC	1
11	Shaft O-Ring	HNBR	**2
12	Handle	ABS	1
13	Handle Logo	ABS	***1

* Only in 3" Ball valve, ** one in 2" Model, *** Except 1.25" model



Single Union PVC Ball Valve

1¼", 1½", 2", 2½" & 3"



Dimensions (mm)

PVC Ball Valve (Inlet - Threaded Female : Outlet - Threaded male)

Nom Size	BSP Thd./in	NPT Thd./in	dk	D	I	L	Lt	E	H
32mm (1¼")	11	11.5	31.8	79.5	25.7	88	122.8	105	70.3
40mm (1½")	11	11.5	39.4	94.4	32	98.5	136.6	121	90.8
50mm (2")	11	11.5	49.5	116	35.4	119	164.8	150	97
65mm (2½")	11	8	59	131.6	45.5	139.5	197.2	162	110
80mm (3")	11	8	76	178.8	42.8	180	230.4	200.4	139

PVC Ball Valve (Inlet - Threaded Female : Outlet - Threaded Female)

Nom Size	BSP Thd./in	NPT Thd./in	dk	D	I	L	Lt	E	H
32mm (1¼")	11	11.5	31.8	79.5	27.4	88	122.8	105	70.3
40mm (1½")	11	11.5	37	94.4	32	98	136.6	121	90.8
50mm (2")	11	11.5	49.5	116	35.4	119	164.8	150	98
65mm (2½")	11	8	59	131.6	42.5	141	197.2	162	111.5
80mm (3")	11	8	76	178.8	44	180	234	200.4	139

PVC Ball Valve ((Inlet - Solvent Cement Joint Female : Outlet - Solvent Cement Joint Female)

Nom Size	ASTM d	BS d	DIN d	ISO d	dk	D	I	L	Lt	E	H
32mm (1¼")	42.16	42	40	40	31.8	79.5	27.4	88	122.8	105	70.3
40mm (1½")	48.26	48	50	50	37	94.4	32	98	136.6	121	90.8
50mm (2")	60.33	60	63	63	49.5	116	35.4	119	164.8	150	98
65mm (2½")	73.03	75	75	75	59	131.6	42.5	141	197.2	162	111.5
80mm (3")	88.9	89	90	90	76	178.8	44	180	234	200.4	139

NOTE: All Sizes & Type of ball valves also available in Polypropylene (PP) with Pressure Rating (PN-6)



E-mail: contactus@automatworld.com
 Website: www.automatworld.com

Creating a Green World