



# Spec Sheet: PVC Ball Valve Schedule 40 (PBV)

## Features

- Reversible handle makes obstacle installation easy
- Removable handle design for maintenance and security.
- PVC conforming to ASTM 1784 Cell Classification 12454-A.
- CPVC conforming to ASTM 1784 Cell Classification 23567-A.
- PP conforming to ASTM D4101 Cell Classification PP0210B67272.
- Comply or exceed 1509393 standard.

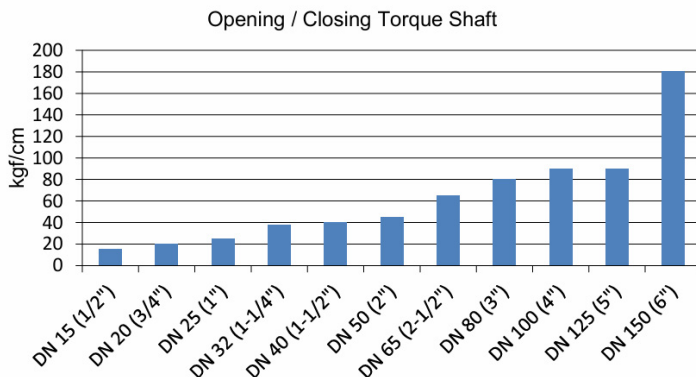
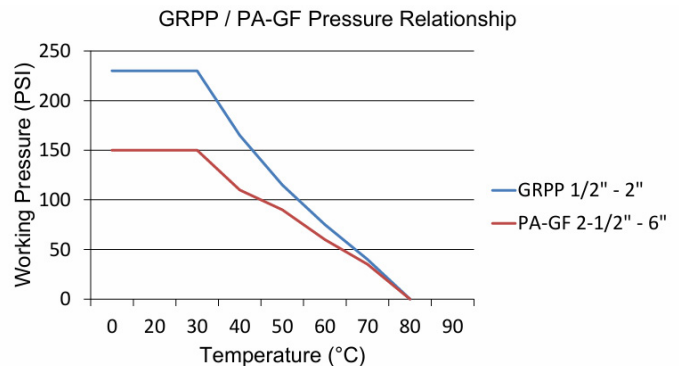
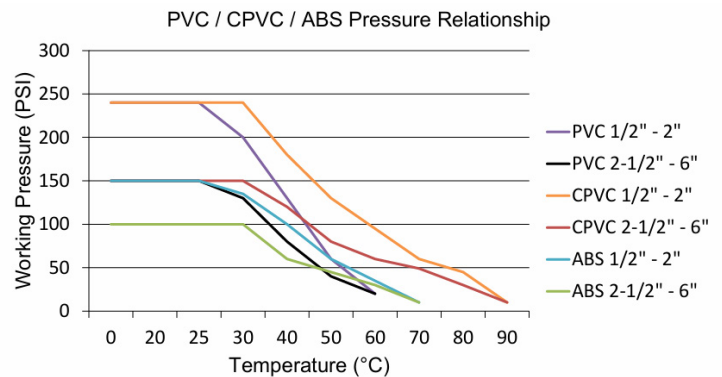


## Standards

- Socket: ASTM
- Thread: NPT
- Flange: ANSI
- Hose: D2609
- Male camlock: EN 14420-7

## Materials

- Body: PVC
- Handle: PVC
- Seat: TPE,
- O-ring: EPDM
- Ball: PVC
- Stem: PVC,



### Pressure Loss Calculation Formula

$$\Delta P = \left[ \frac{Q}{Cv} \right]^2$$

$\Delta P$  = Pressure Drop

$Q$  = Flow in GPM

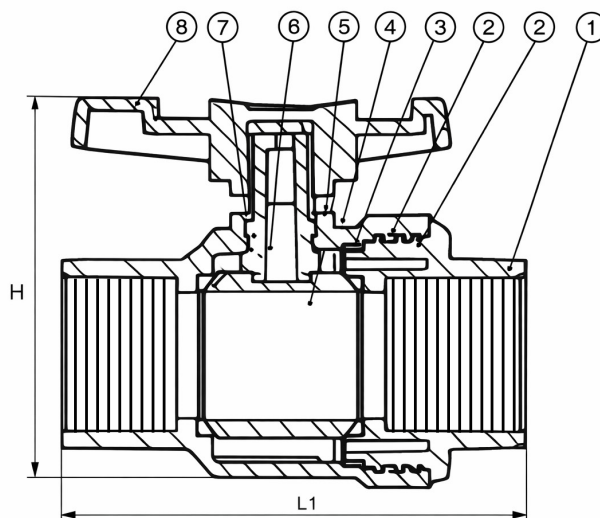
$Cv$  = Flow Coefficient





# Spec Sheet: PVC Ball Valve Schedule 40 (PBV)

NO	PARTS NAME	MATERIALS	PCS
1	END CONNECTOR	PVC	1/2
2	SEAT	TPE	2
3	O-RING	EPDM	1/2
4	BALL	PVC	1
5	BODY	PVC	1
6	STEM	PVC	1
7	O-RING	EPDM	2/3
8	HANDLE	PVC	1



Tolerance  $\pm 5\%$

SIZE		H	L1	L2	ØD	NPT
INCH	DN(mm)	mm	mm	mm	mm	thd/in
1/2"	15	79	85	100	48	14
3/4"	20	86	98	110	55	14
1"	25	96	111	126	64	11.5
1-1/4"	32	113	125	141	77	11.5
1-1/2"	40	130	143	159	88	11.5
2"	50	151	168	183	105	11.5
2-1/2"	65	174	246	296	129	8
3"	80	199	271	323	152	8
4"	100	235	344	400	180	8

