

PVC COMPACT BALL VALVE

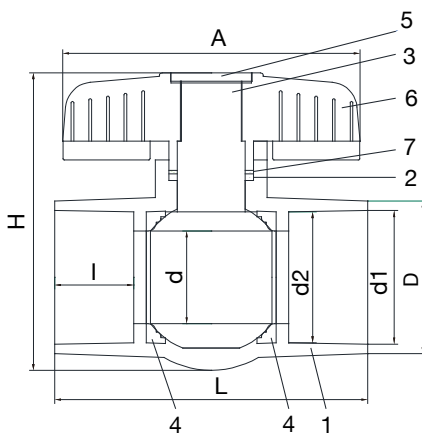
MODEL LVCBV



1-1/2" - 4"



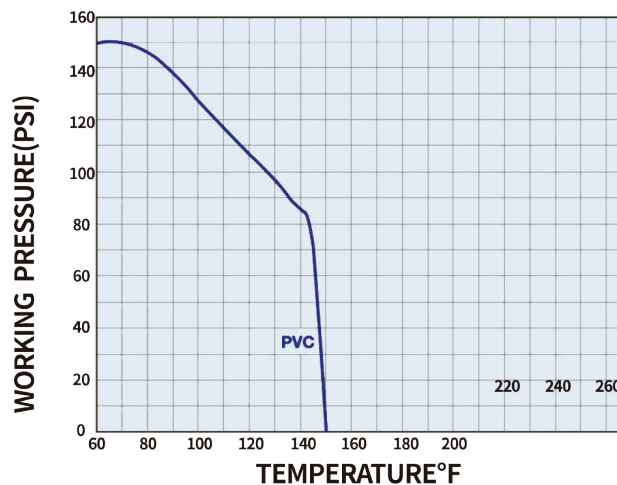
3/4" and 1"



DESCRIPTION:

- **Joint End:** Socket (ANSI/DIN/JIS/CNS/BS)
- **Working Pressure:** 1/2"-2" PN16-232 PSI
2-1/2"-4" PN10-150 PSI
- Schedule 80 PVC

OPERATING TEMPERATURE/PRESSURE



PRESSURE LOSS CALCULATION FORMULA

$$\Delta P = [Q/C_v]^2$$

ΔP = Pressure Drop

Q = Flow in GPM

C_v = Flow Coefficient

No.	Part	Material	Qty.
1	Body	UPVC, CPVC	1
2	Stem O-Ring	EPDM, FPM	1
3	Ball & Stem	UPVC, CPVC	1
4	Seat Seal	TPV	2
5	Cap	UPVC, ABS	1
6	Handle	UPVC, ABS	1
7	Seat Seal	PP	1

SIZE (in.)	1	d1	d2	d	H	A	L	D
3/4"	1.02	1.06	1.05	0.75	2.86	3.15	3.58	1.46
1"	1.12	1.32	1.31	0.92	3.46	3.69	4.18	1.74
1-1/4"	1.28	1.67	1.66	1.17	4.04	3.94	4.72	2.04
1-1/2"	1.42	1.91	1.89	1.32	4.41	4.33	5.18	2.35
2"	1.52	2.39	2.37	1.75	5.24	5.37	5.96	2.95
3"	1.89	3.52	3.49	2.78	7.17	8.73	8.23	4.13
4"	2.37	4.52	4.49	3.31	8.39	9.85	9.94	5.12

PROJECT	APPROVAL STAMP
PROJECT:	☐ APPROVED
ADDRESS:	☐ APPROVED AS NOTED
ENGINEER:	☐ NOT APPROVED
SUBMITTAL DATA:	REMARKS:
NOTES 1:	
NOTES 2:	