

S4 LABORATORY BALL VALVE, PVC, PVDF

SPECIFICATIONS:

Sizes: 1/4" (DN 8)

Body Materials: PVC - PVDF

O-rings: EPDM, FPM

Operating pressure:

1/4" 145 psi (10 bar)

Connections:

- Hose nozzle

- Double nipple BSP, NPT

- Plug BSP, NPT

Sample Specification:

TYPE PRAHER PVDF Laboratory ball valve S4
1/4" (DN 6) NPT Hose nozzle NPT Sealing
material FPM Ball seating joint PTFE (Teflon®)
Max. Operating pressure 10 bar Safety handle
system

FEATURES:

- our "lock and meter" ring enables the ball valve to be positioned in several different locking modes, while providing an additional safety feature against unintentional valve activation.
- lock and meter ring enables locking against unauthorized operation
- compact construction
- low operating forces
- light weight

Cv value vs opening

Opening	25%	50%	75%	100%
Cv Value	0.31	0.62	0.92	1.2\3

vacuum rating: 29.9 inches mercury

Working pressures PSI

Material	-40°C 32-104°F	60°C 140°F	80°C 176°F	100°C 212°F	120°C 248°F
PVC	150	30	-	-	-
PVDF	150	90	75	60	35

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Temperature Ranges:

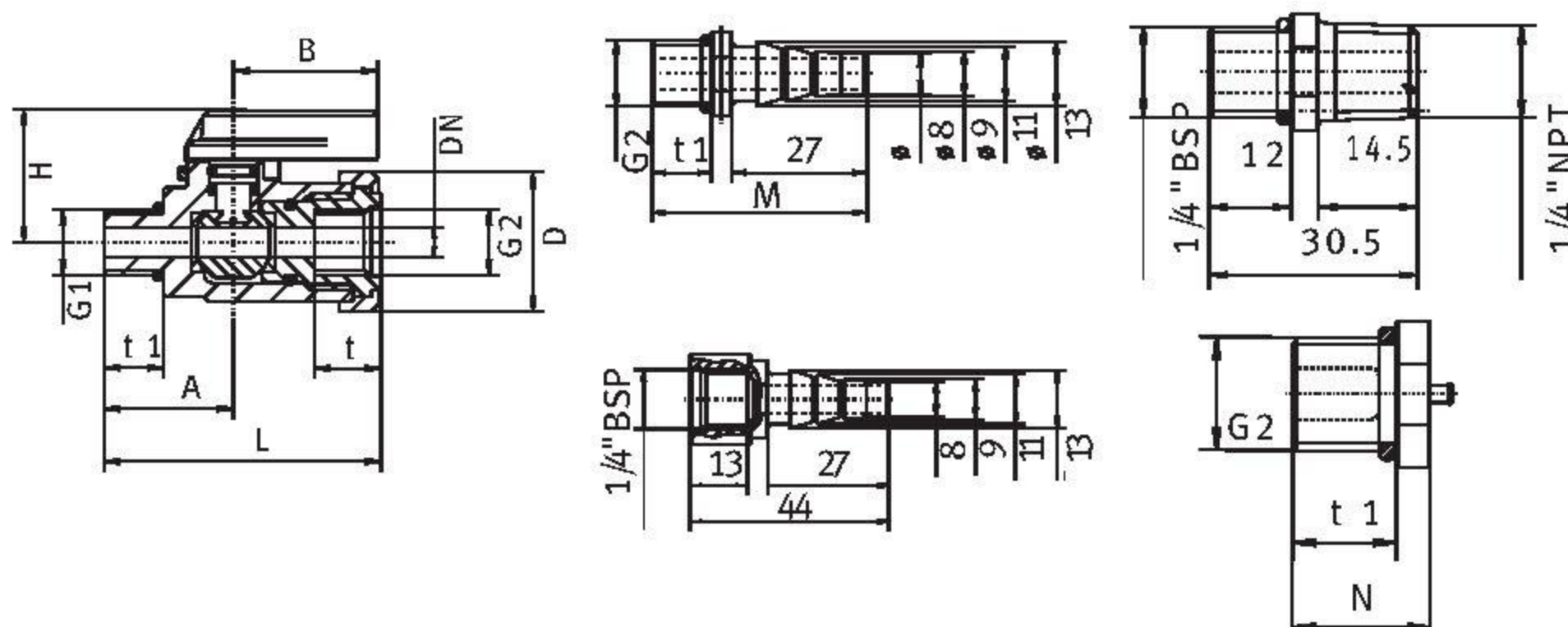
PVC 0 to 60°C (32 to 140°F),

PVDF -40 to 120°C (-40 to 248°F).



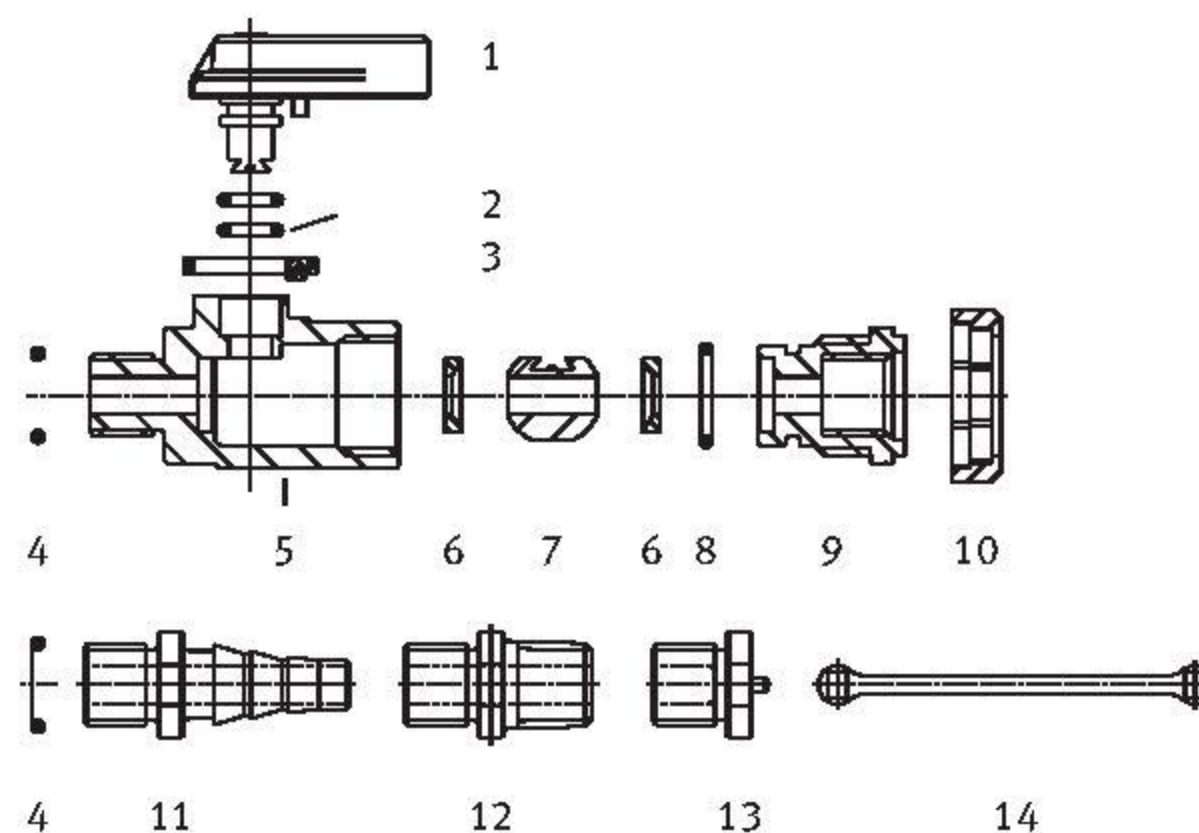
PVC							DN	6
G1	G2	A	t1	L	M	N	B	29.0
1/4" BSP	1/4" BSP	26,0	12,0	56,0	43,0	16,0	D	28,0
3/8" BSP	1/4" BSP	26,0	12,0	56,0	43,0	16,0	H	26,5
1/4" NPT	1/4" NPT	28,5	14,5	58,5	45,5	18,5	t	13,5
PVDF							PN	10
1/4" BSP	1/4" BSP	25,0	11,5	54,5	42,0	15,5		
1/4" NPT	1/4" NPT	27,5	14,5	57,0	44,5	18,0		

dimensions in mm



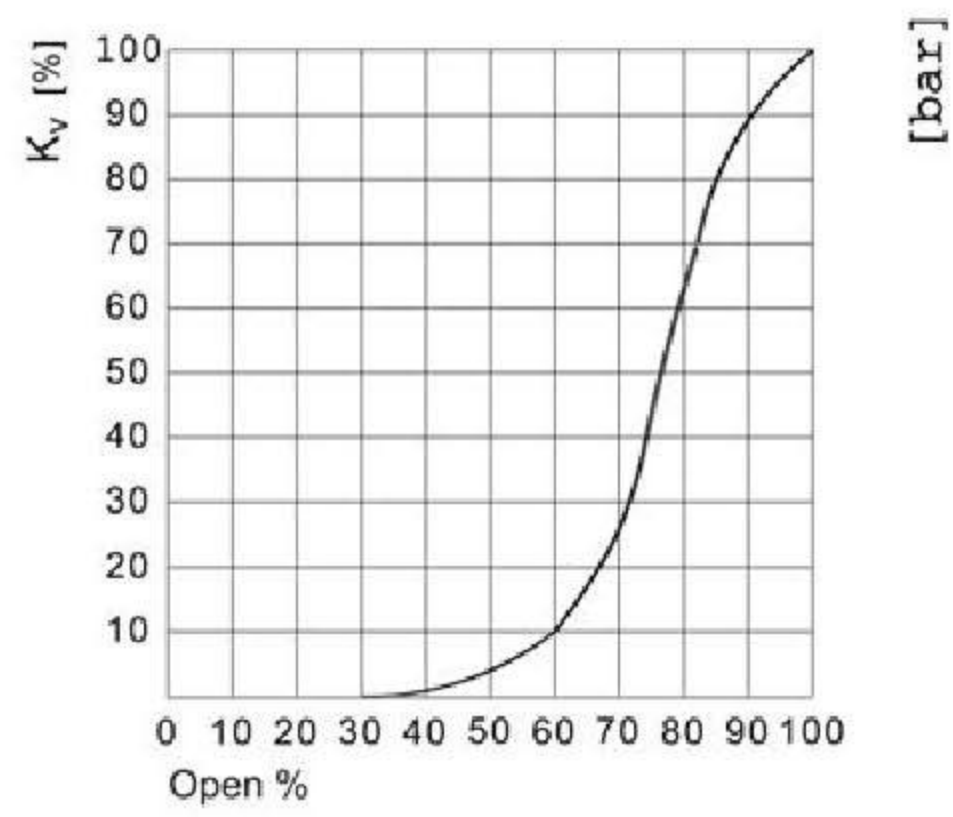
Parts:

01. Handle
02. O-Ring
03. Lock- and meter ring
04. O-Ring
05. Body
06. Ball seating joint
07. Ball
08. O-Ring
09. Thrust collar
10. Circlip
11. Hose nozzle
12. Double nipple
13. Plug
14. Clip tie



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Flow Characteristics



Pressure-Temperature Diagram

