PRAHER PLASTICS

Sampling Ball Valve S4

PVC

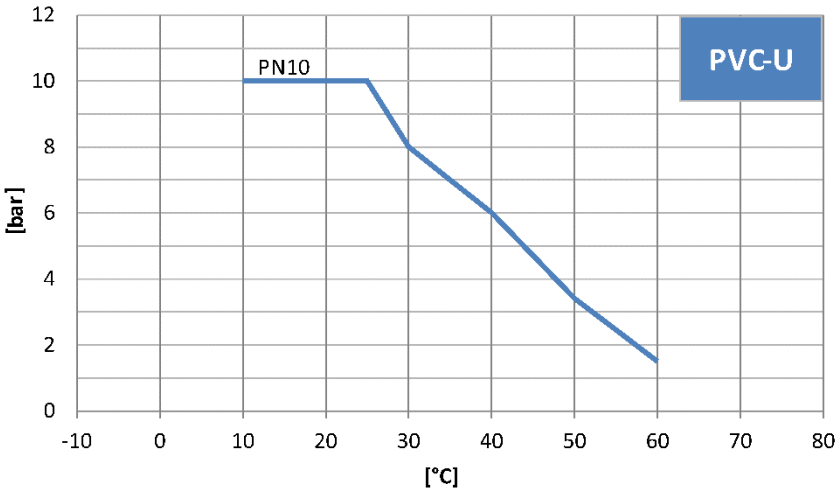
DATASHEET

Overview

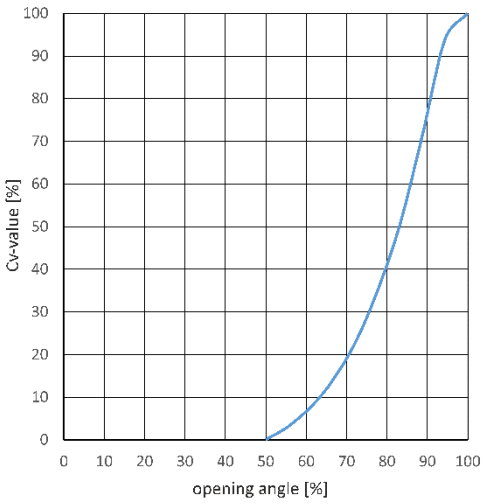
General		
Material	Body material	PVC-U
	Seal material	EPDM / FPM
	Ball Seat	PTFE
Dimensions	DN6	
Connector types	Body	BSP / NPT
	Hose nozzle (Male Thread)	BSP / NPT
	Hose nozzle (Female Thread)	BSP / NPT
	Double nipple	BSP / NPT
		NPT / NPT
	Plug	BSP
Operating pressure	DN6	PN10

Technical data

Pressure – temperature – diagram



Flow characteristics



Kv-value-table

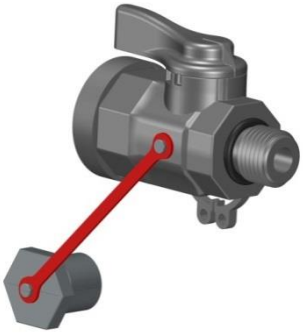
Pressure loss	DN6
1,0 bar	2,17

specification in l/min (PN16 pipe)

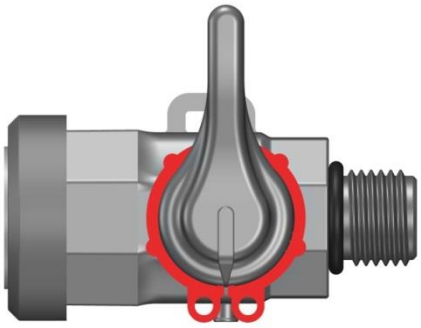
The values of the pressure-temperature-diagram are based on a service life of 25 years at static pressure load and apply to water or water-like media.

Additional features:

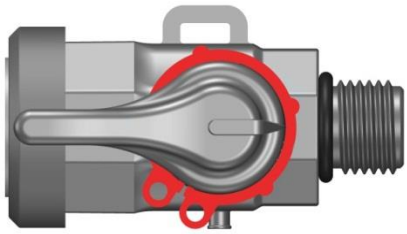
When not in use, lock and metering ring can be hanged on sampling ball valve bodv



When not in use, plug can be fixed with the clip tie on the sampling ball valve body.

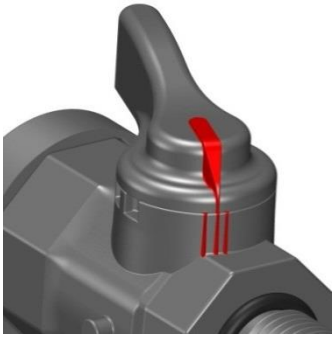


In closed position, the lock and metering ring protects the valve against unwarranted opening.



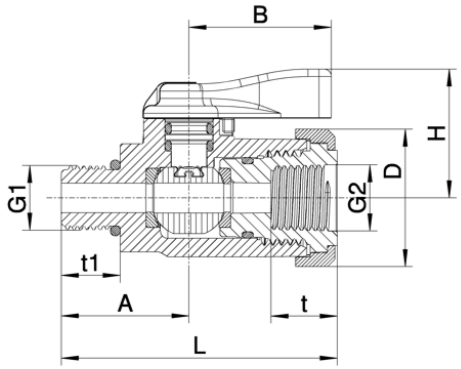
In open position, the locking ring protects the valve against unwarranted closing.

The sampling ball valve can be installed on the pipeline with a wrench SW22 or SW24.

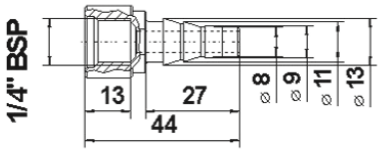


The three metering marks serves as guidance for flow regulation.

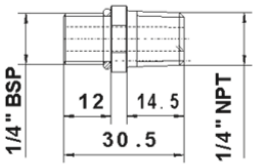
Dimensions hand operated



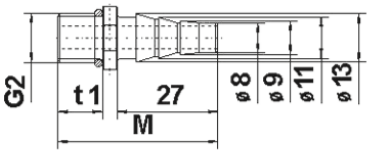
Laboratory ball valve



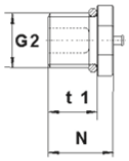
Hose nozzle female thread



Double nipple



Hose nozzle male thread



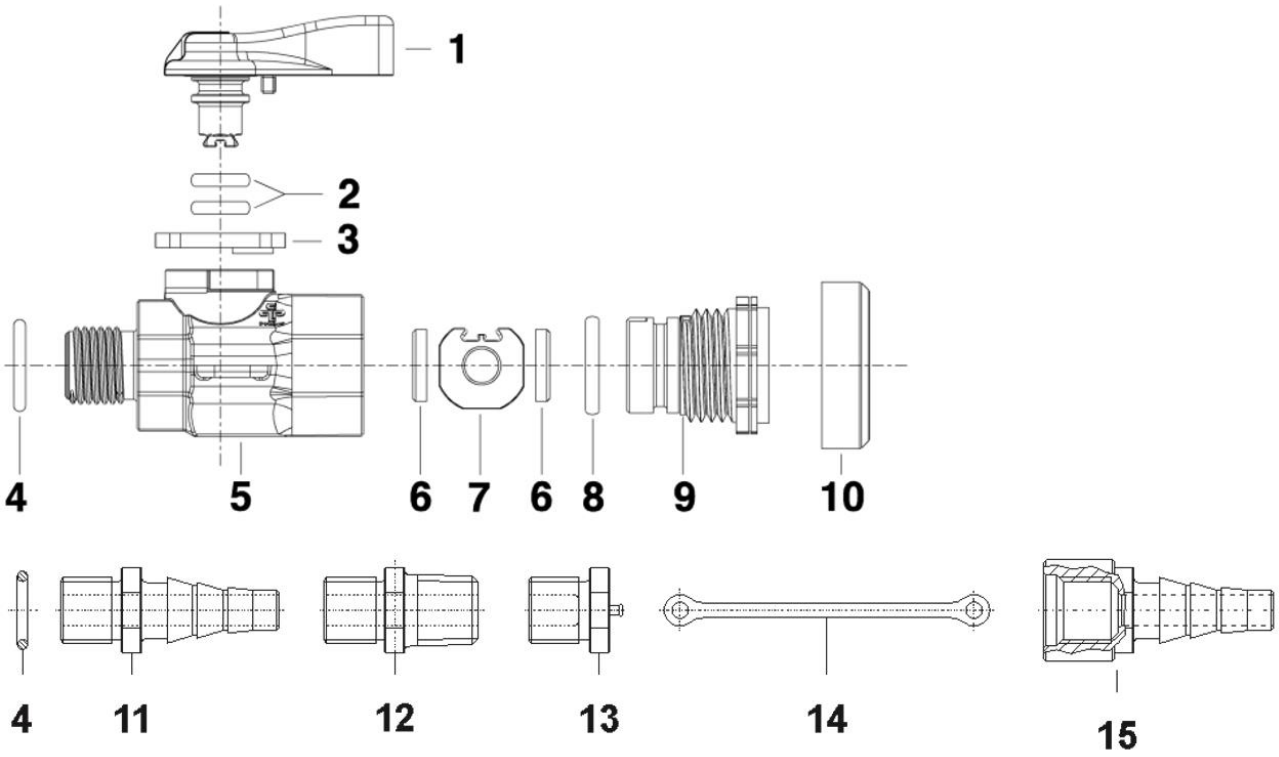
Plug

(dimensions in mm)

G1	G2*	A	B	D	H	L	M	N	T	T1	PN
1/4“ BSP	1/4“ BSP	26	29	28	26,5	56	43	16	13,5	12	10
3/8“ BSP	1/4“ BSP	26	29	28	26,5	56	43	16	13,5	12	10
1/4“ NPT	1/4“ NPT	28,5	29	28	26,5	58,5	45,5	18,5	13,5	14,5	10

*No standard thread, thread is based on BSP and NPT

Exploded drawing hand operated



No.	Description	Material
01.	Handle	PVC-U
02.	O-ring	EPDM / FPM
03.	Lock and metering ring	POM
04.	O-ring	EPDM / FPM
05.	Body	PVC-U
06.	Ball seating joint	PTFE
07.	Ball	PVC-U
08.	O-ring	EPDM / FPM
09.	Thrust collar	PVC-U
10.	Circlip	POM
11.	Hose nozzle male thread	PVC-U
12.	Double nipple	PVC-U
13.	Plug	PVC-U
14.	Clip tie	
15.	Hose nozzle female thread*	PVC-U

*Not included in the accessory set.

Accessories / spare parts

Hose nozzle female thread**

Material
- PVC-U

Seal*
- EPDM
- FPM

Norm
- BSP
- NPT

Hose nozzle male thread

Material
- PVC-U

Seal*
- EPDM
- FPM

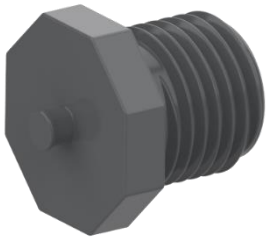
Norm
- BSP
- NPT

Plug

Material
- PVC-U

Seal*
- EPDM
- FPM

Norm
- BSP
- NPT



Double nipple

Material
- PVC-U

Seal*
- EPDM
- FPM

Norm
- BSP
- NPT

*not included in the scope of delivery
**Not included in the accessory set.

Praher Plastics Austria GmbH

Poneggenstraße 5
4311 Schwertberg
Österreich

T +43 7262 61178-0
F +43 7262 61203
sales@praherplastics.com

https://youtu.be/05QkA8P7auc

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