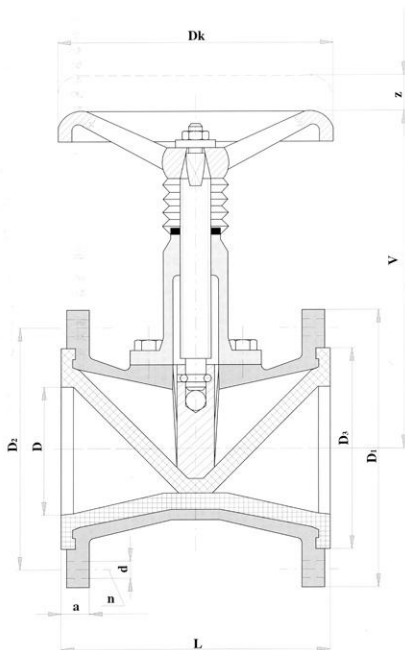


Hose globe valve

V 78 111-910

PN 10



Application

Shut-off valve for chemical and food industry for aggressive media (acids, lyes, abrasive solids, sewage water etc.) for service pressures and temperatures:

	DN				
	25-50	65	80	100	150
Temperature [°C]	Pressure [MPa]				
80	1,0	0,9	0,8	0,7	0,6

Use is limited by type, temperature and concentration of the service medium. The valve is not suitable for pipelines with pressure drop to vacuum.

Technical description

Rubber hose insert is inserted into valve body with its ends creating sealing surfaces. Closing is done by one-side compression of the hose insert by a slide. The slide is moved by rising rotating stem. Fluids can flow through the valve in both directions.

Connecting and face-to-face dimensions

Flanged connection dimensions as per ČSN 13 1060, flange sealing surfaces are created by a rubber hose insert. Basic connecting and face-to-face dimensions are given in the table below.

Material

Body, bonnet, slide grey cast iron
Hose insert rubber (NR)
Stem stainless steel (class 17)

Testing

The valve is tested as per ČSN 13 3060, part 2.

Installation

The valve can be installed in horizontal or vertical piping.

Operation

The valve is operated by handwheel.

Note

M_k - maximum torque [Nm]

DN	L	V	z	D ₁	D ₂	D ₃	a	d	n	M _k	D _k	kg
25	160	125	23	115	85	68	17	14	4	15	125	4,5
40	240	140	30	150	110	88	18	18	4	20	160	7,5
50	250	160	37	165	125	102	20	18	4	25	160	10,2
65	270	190	50	185	145	122	20	18	4	30	200	13
80	280	205	60	200	160	133	22	18	8	40	200	18,4
100	300	245	70	220	180	158	24	18	8	50	250	24
150	350	320	105	285	240	212	24	22	8	80	320	46