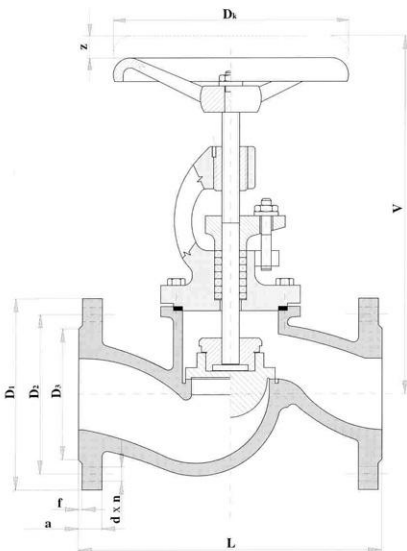


Globe valve and globe valve with regulating disc

C 09 111(3)-016 PN 16



Operation

The valve is operated by handwheel (ON 13 3110), chainwheel (ON 13 3130) or from a stand (ON 13 3140 and ON 13 3142). Type of electric actuator and maximum pressure drop is selected by the supplier.

Application

Shut-off valve for aggressive liquids, vapours and gases, depending on type, temperature and concentration for maximum service pressures and temperatures:

Temperature [°C]	Pressure [MPa]
250	1,60

Technical description

The valve is yoke type. Disc fits into body sealing surface which is of the base material. Rising rotating stem is sealed with gland packing in the yoke. Flow direction in the valve is from under the disc.

Connecting and face-to-face dimensions

Face-to-face dimensions as per ČSN 13 3042, DIN 3202 F1.

Flange connecting dimensions as per ČSN 13

1060, DIN2501. Flange faces as per ČSN 13 1061, DIN2526, Form C.

Basic connecting and face-to-face dimensions are given in the table.

Material

Body, bonnet stainless steel (42 2931)
Stem, disc stainless steel (13Cr)
Gland packing PTFE

Testing

The valve is tested as per ČSN 13 3060, part 2, DIN 3230.

Installation

The valve can be installed in horizontal or vertical piping depending on the flow direction. Electrically actuated valves should be installed in horizontal piping with the actuator upwards above the valve. In other positions the actuator must be supported or attached to a hinge.

DN	L	V	D ₁	D ₂	D ₃	a	z	f	n	d	D _k	kg
65	290	325	185	145	122	18	25	3	4	18	200	26,7
80	310	340	200	160	133	20	30	3	8	18	200	32,7
100	350	400	220	180	158	20	45	3	8	18	250	44,2
125	400	585	250	210	184	22	100	3	8	18	320	67
150	480	690	285	240	212	22	115	3	8	22	320	101