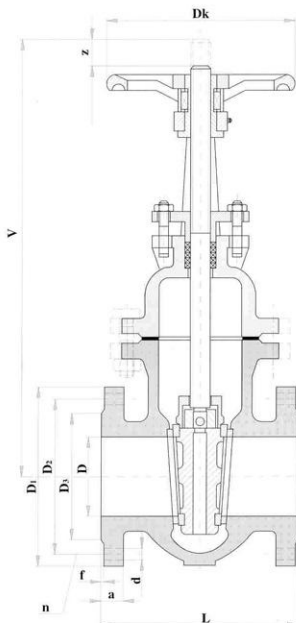


Yoke gate valve

S 35 111-610

PN 10



Operation

The gate valve can be operated by handwheel (ON 13 3111), chainwheel (ON 13 3131), electric servomotor or from a stand (ON 13 3140 and ON 13 3142).

Application

Shut-off valve for water, steam and other non-aggressive liquids and gases, for service pressures and temperatures:

Temperature [°C]	Pressure [MPa]
120	1,00
150	0,90
180	0,84
200	0,80

The gate valve is not suitable for flow regulation

Technical description

The yoke gate valve has a rising non-rotating stem with its thread outside the valve chamber. The stem nut is turned to raise or lower the stem and solid wedge. Body and wedge sealing surfaces are pressed brass or stainless steel sealing rings. Stem is sealed with gland packing in a yoke.

Connecting and face-to-face dimension

Face-to-face dimension as per ČSN EN 558 (DIN 3202/F4, F5).

Flange connection dimensions as per ČSN 13 1060, DIN 2501.

Flange faces as per ČSN 13 1061, DIN 2526.

Material

Body, bonnet, wedge	grey cast iron (GG 25)
Stem	stainless steel (13 Cr)
Body sealing surfaces	brass, 13Cr
Wedge sealing surfaces	brass, 13Cr
Gland packing	asbestos-free fibre

Testing

The gate valve is tested per ČSN 13 3060, part 2 DIN 3230-3.

Installation

The gate valve can be installed in horizontal or vertical piping.

DN	Dk			z		L		V		kg							
	D ₁	D ₂	D ₃	F4	F5	F4	F5	F4	F5	a	f	n	d	F4	F5		
40	150	110	88	160	55	60	140	315	18	3	4	18	11				
50	165	125	102	160	65	70	150	340	20	3	4	18	12				
65	185	145	122	160	85	85	170	390	20	3	4	18	17				
80	200	160	138	160	100	100	180	445	22	3	8	18	19				
100	220	180	158	200	120	125	190	515	24	3	8	18	27				
125	250	210	188	200	150	145	200	635	26	3	8	18	37				
150	285	240	212	200	175	170	210	730	26	3	8	22	47				
200	340	295	268	250	320	225	230	400	930	980	26	3	8	22	78	129	
250	395	350	320	320	400	290	290	250	450	1155	1185	28	3	12	22	116	196
300	445	400	370	400	500	345	335	270	500	1345	1355	28	4	12	22	166	260