



Operation

The gate valve can be operated by handwheel (ON 13 3110), chainwheel (ON 13 3130) or from a stand (ON 13 3140 and ON 31 3142).

Installation

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

Application

Shut-off valve for water, non-aggressive liquids, steam and gases with temperatures up to 400°C.

Use for other media should be discussed with the supplier.

Temperature [°C]	Pressure [MPa]
120	0,63
150	0,63
180	0,63
200	0,63
300	0,48
400	0,37

The gate 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 have brass or stainless steel sealing rings pressed into them. Stem is sealed with gland packing in yoke.

Connecting and face-to-face dimensions

Face-to-face dimension per DIN 3202 F4. Flange connection dimensions as per DIN 2501. Flange faces as per DIN 2526, Form C.

Material

Body, bonnet, wedge carbon steel (GS-C 25)
 Stem stainless steel (13 Cr)
 Sealing surfaces 13Cr
 Gland packing asbestos-free fibre

Testing

The gate valve is tested per DIN 3230.

Note

DN 300 is produced only in version S 14 111-606.

DN	D ₁	D ₂	D ₃	L	V	z	Dk	a	f	n	d	kg
40	130	100	80	140	315	55	160	16	3	4	14	14
50	140	110	90	150	340	65	160	16	3	4	14	18
65	160	130	110	170	390	85	160	16	3	4	14	25
80	190	150	128	180	445	100	160	18	3	4	18	29
100	210	170	148	190	515	120	200	18	3	4	18	38
125	240	200	178	200	635	150	200	20	3	8	18	51
150	265	225	202	210	730	175	200	20	3	8	18	65
200	320	280	258	230	930	225	250	22	3	8	18	111
250	375	335	312	250	1155	290	320	24	3	12	18	153
300	440	395	365	270	1345	345	400	24	4	12	22	-