



### Application

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

Gate valves DN 200 to DN 300 are provided with a bypass.

Temperature [°C]	Pressure [MPa]
do 200	1,60
300	1,24
400	0,94

The gate is not suitable for flow regulation.

### Technical description

The bonnet gate valve has a rotating non-rising stem with its thread inside the valve chamber. The body and wedge have brass or stainless steel sealing rings pressed into them. Stem is sealed with gland packing in a bonnet.

### Connecting and face-to-face dimensions

Face-to-face dimension per DIN 3202 F5. Flange connection dimensions as per DIN 2501. Flange faces as per DIN 2526, Form C. Basic face-to-face and connecting dimensions are shown in the table.

### Material

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

### Testing

The gate valve is tested per DIN 3230.

### Installation

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

### 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).

### Note

Mk - maximum torque [Nm].

DN	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	L	V	Mk	Dk	a	f	n	d	kg
40	150	110	88	240	275	54	200	18	3	4	18	15
50	165	125	102	250	290	54	200	18	3	4	18	18
65	185	145	122	270	340	90	250	18	3	4	18	26
80	200	160	133	280	370	100	250	18	3	8	18	30
100	220	180	158	300	410	130	320	18	3	8	18	44
125	250	210	184	325	465	130	320	18	3	8	18	55
150	285	240	212	350	510	150	320	22	3	8	22	82
200	340	295	268	400	620	200	400	22	3	12	22	136
250	405	355	320	450	700	230	500	26	3	12	26	222
300	460	410	378	500	760	270	500	-	4	12	26	-