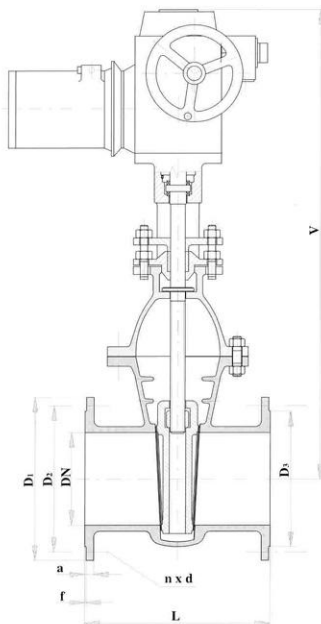


Bonnet gate valve with electric actuator

S 25 113-606

PN 6



In the table below, dimensions for DN 65 to 150 are according to DIN, dimensions for DN 200 to 300 are according to ČSN.

DN	D ₁	D ₂	D ₃	L	V	a	n	f	d	servomotor Mo	kg
65	160	130	110	170	610	16	4	3	14	8/10-25	53
80	190	150	128	180	635	18	4	3	18	8/10-25	55
100	210	170	148	190	665	18	4	3	18	8/10-25	62
125	240	200	178	200	710	20	8	3	18	8/10-25	72
150	265	225	202	210	755	20	8	3	18	8/10-25	83
200	320	280	258	230	885	22	8	3	18	16/21-40	151
250	375	335	312	250	970	24	12	3	18	16/21-40	173
300	440	395	365	500	1075	24	12	4	22	25/32-40	257

Application

Shut-off valve for water, steam, air, oils and other non-aggressive liquids and gases. Gate valve is not suitable for flow regulation. For working pressures and temperatures:

Temperature [°C]	Pressure [MPa]
120	0,6
150	0,54
180	0,50
200	0,48

Technical description

Bonnet gate valve with a rotary non-rising stem with its thread inside valve chamber. The body and wedge have brass sealing rings. Stem is sealed with gland packing in a bonnet.

Connecting and face-to-face dimensions

Face-to-face dimension per DIN 3202 F4 (see tables). 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 grey cast iron (GG 25)
Stem stainless steel (13 Cr)
Sealing surfaces brass
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. For electrically actuated valves, the axis of electric motor must remain horizontal. If this is not the case, amount of oil fill must be increased. If the valve is installed horizontally, the actuator must be supported.

Operation

The gate valve can be operated manually or by electric servomotor.