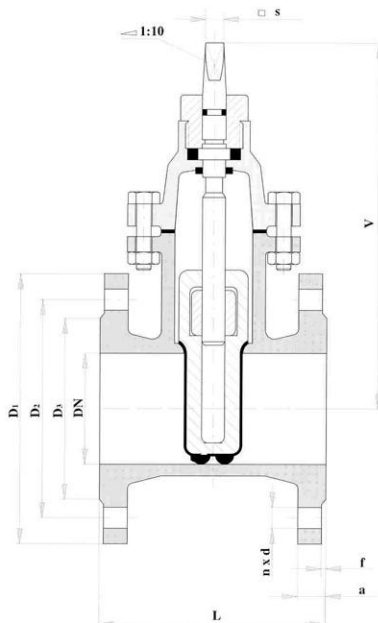


Water industry gate valve

EKO

S 24 118-610

PN 10



Application

Shut-off valve for potable and service water, for service pressures and temperatures:

Temperature [°C]	Pressure [MPa]
80	1,00

The gate is not suitable for flow regulation

Technical description

The bonnet gate valve with rotary non-rising stem with its thread inside valve chamber. Flexible seating surfaces on wedge are vulcanized with soft rubber. Stem is sealed with O-ring.

Connecting and face-to-face dimensions

Face-to-face dimension per DIN 3202 F4, 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 grey cast iron (42 2425)
 Stem stainless steel (13 Cr)
 Wedge sealing surfaces rubber (EPDM)
 Gland packing O-ring (EPDM)

Testing

The gate valve is tested per DIN 13 3060, part 2.

Installation

The gate valve can be only installed in horizontal piping with actuation upwards.

Operation

Gate valves installed underground can be operated from above ground with an actuation rig, handwheel or actuator.

Note

Mk - maximum actuation torque [Nm].

DN	V	D ₁	D ₂	D ₃	a	f	n	d	F4	L	F5	s	Mk	F4 kg	F5
40	220	150	110	88	18	3	4	18	140	240	14,3	77	9,4	10,5	
50	220	165	125	102	20	3	4	18	150	250	14,3	77	11	11,5	
65	270	185	145	122	20	3	4	18	170	270	17,3	107	15	16	
80	270	200	160	133	22	3	8	18	180	280	17,3	107	18	19,5	
100	320	220	180	158	24	3	8	18	190	300	19,3	150	28	29	
125	370	250	210	184	26	3	8	18	200	325	19,3	150	35,5	42	
150	410	285	240	212	26	3	8	22	210	350	19,3	150	50	55	
200	510	340	295	268	26	3	8	22	230	400	24,3	200	80	92	
250	610	395	350	320	28	3	12	22	250	450	27,3	247	113	125	