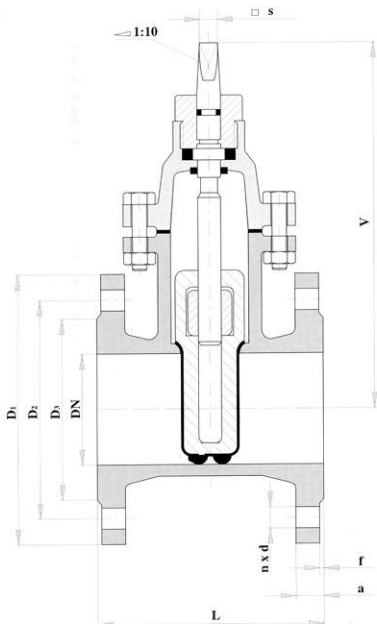


# Water industry gate valve

## EKO

### S 24 118-616

### PN 16



#### Application

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

Temperature [°C]	Pressure [MPa]
80	1,60

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 ČSN 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 <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	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	30	3	12	22	230	400	24,3	200	80	96		
250	610	405	355	320	32	3	12	26	250	450	27,3	247	113	132		