

GATE VALVE

for electric actuator PN16 (F4) series 115



VALVES



APPLICATION

Flanged gate valve for drinking water and neutral liquids up to 80°C

DESIGN FEATURES

- Non rising stainless steel stem
- Full bore
- Low closing torque
- Clockwise closing
- Maintenance free
- Guided wedge to ensure correct sealing
- 100% watertight
- No zones of retention
- ISO5210 top flange for mounting an actuator

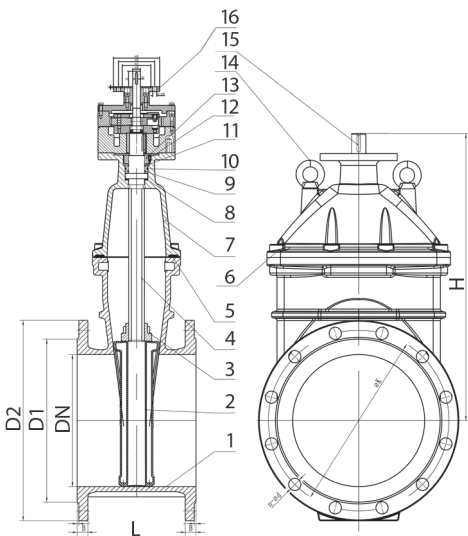
TECHNICAL CHARACTERISTICS

- Design in accordance to EN1074 and EN1171
- Face to face dimensions according to EN 558-1 series 14 and DIN3202 (F4)
- Flange end connections according to EN1092-2: PN10&PN16
- Top flange connection according to ISO5210
- Maximum working pressure: PN16 / 16 bar
- Working temperature: 0°C - +80°C
- Fully vulcanized wedge in EPDM according to EN681
- Stainless steel bolts
- Color RAL5015
- Powder epoxy coating at least 250 µm thickness

OPERATING



DN	Flange drilling	L	H	D	D1	D2	Top flange size	SQ	Torque (Nm)	KG	BLUCAST ref. no.
50	PN10/16	150	230	165	125	99	F10	20	40	10	115E050
65	PN10/16	170	265	185	145	118	F10	20	60	12	115E065
80	PN10/16	180	290	200	160	132	F10	20	60	13.4	115E080
100	PN10/16	190	335	220	180	156	F10	20	80	19.9	115E100
125	PN10/16	200	380	250	210	184	F10	20	100	29	115E125
150	PN10/16	210	415	285	240	211	F10	20	125	32.7	115E150
200	PN10	230	510	340	295	266	F14	30	150	58.4	115E200
200	PN10/16	230	510	340	295	266	F14	30	150	58.4	115EU200
250	PN10	250	600	400	350	319	F14	30	200	82	115E250
250	PN10/16	250	600	400	355	319	F14	30	200	82	115EU250
300	PN10	270	690	455	400	370	F14	30	250	118	115E300
300	PN10/16	270	690	455	410	370	F14	30	250	118	115EU300
350	PN10/16	290	790	520	470	429	F14	30	300	175	115E350
400	PN10	310	855	565	515	480	F14	30	300	207	115E400
400	PN10/16	310	855	580	525	480	F14	30	350	207	115EU400
200	PN10/16	230	430	340	295	266	F10	20	77	68	115EUG200
250	PN10/16	250	570	400	355	319	F10	20	94	90	115EUG250
300	PN10/16	270	660	455	410	370	F10	20	89	125	115EUG300
400	PN10/16	310	840	580	525	480	F10	30	100	230	115EUG400



No.	Item	Material
1	Body	EN-GJS-500-7
2	Wedge	EN-GJS-500-7+EPDM
3	Stem Nut	Brass
4	Stem	AISI420
5	Sealing gasket	EPDM
6	Screw	A2 stainless steel
7	Bonnet	EN-GJS-500-7
8	Wear resistant asket	PTFE
9-10	O ring	EPDM
11	Bearing seal	Brass
12	Screw	A2 stainless steel
13	Locking nut	Brass
14	Bolt	A2 stainless steel
15	Key	Steel
16	Gearbox	Gearbox

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

