

FLANGE GATE VALVE, ROW 15, 2200

WITHOUT REPLACEABLE STEM SEAL

Purpose

- Drinking water installations.
- In industrial, sewage and other chemically neutral fluids installations (applies to DN50).

Authorisation

- National Institute of Public Health PZH.

Technical data

- Operational pressure PN16.
- Max temp. for water- 40°C.
- Max temp for other fluids- 70°C.
- Flanged connection according to PN-EN 1092-2.
- Installation length according to PN-EN 558+A1.
- Maximum closing torque MOT=1xDN [Nm].
- Requirements and testing according to PN-EN 1074 – 1 and 2.
- Industrial valves PN-EN 1171.

Design features

- Full, smooth and cavity-free passage.
- Non-rising stainless steel stem with cold rolled thread.
- Sealing of the stem with three o-rings.
- Lower washer made of polyamide PA6, which is a sliding washer securing low-friction bearing of the spindle (stem).
- Body and cover made of grey cast iron grade EN-GJL 250 or ductile cast iron grade EN-GJS 500-7
- Wedge made of ductile cast iron vulcanized inside and outside with EPDM

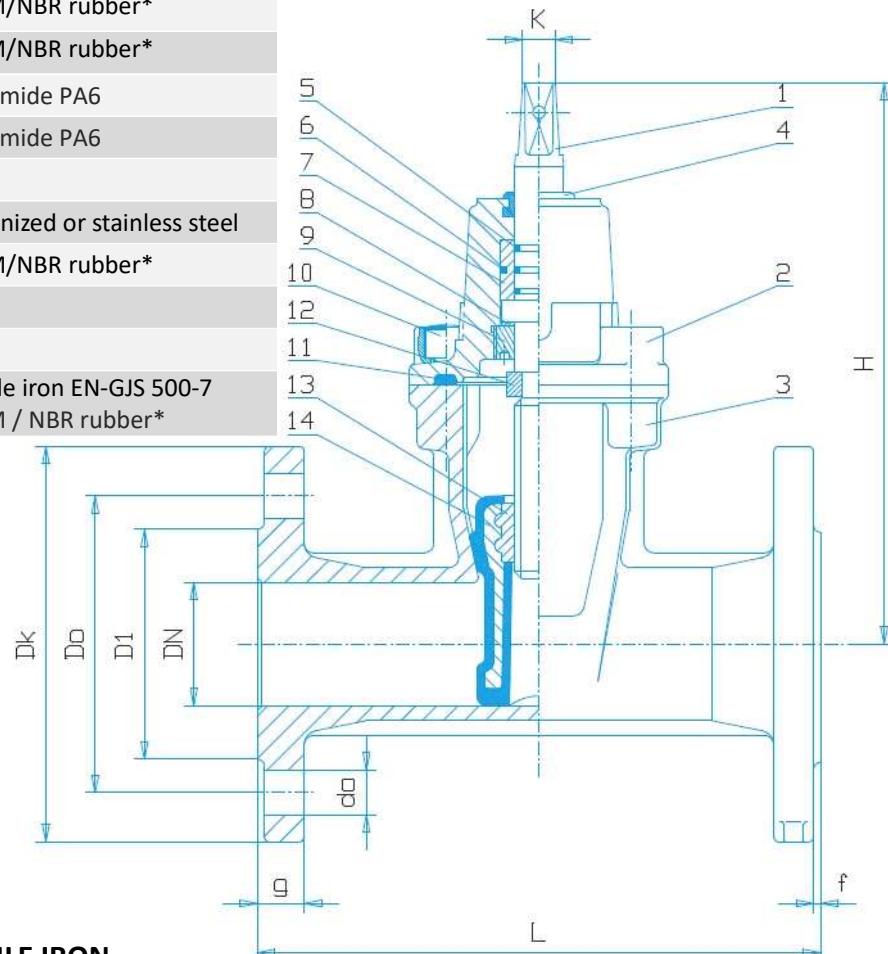


or NBR rubber of $70\pm5^\circ\text{Sh}$. guided by the tongue and groove method in guides that are an integral part of the valve body.

- Wedge suspension nut on the stem - nonreplaceable, made of brass, hot-dipped in the wedge of the gate valve eliminates wedge vibrations.
- Bolts connecting the cover to the body - blind threads, fully protected against corrosion with paraffin-wax compound.
- Internal and external anticorrosive protection with epoxy powder paint RAL 5015 with coating thickness of min. 250 μm , resistant to 3kV flashover.

No.	Part	Materials
1.	Stem	Stainless steel 1.4021
2.	Cover	Ductile iron EN-GJS 500-7 Gray iron EN-GJL 250
3.	Body	Ductile iron EN-GJS 500-7 Gray iron EN-GJL 250
4.	Gasket	EPDM/NBR rubber*
5.	O-ring	EPDM/NBR rubber*
6.	O-ring	EPDM/NBR rubber*
7.	Sleeve	Polyamide PA6
8.	Washer	Polyamide PA6
9.	Locking nut	Brass
10.	Cover screw	Galvanized or stainless steel
11.	Cover gasket	EPDM/NBR rubber*
12.	Back nut	Brass
13.	Nut	Brass
14.	Wedge	Ductile iron EN-GJS 500-7 EPDM / NBR rubber*

*applies to DN50



FLANGE GATE VALVE- DUCTILE IRON

DN	H	L	K	Dk	1,0MPa	Do	1,6MPa	D1	g	f	1,0MPa	n	1,6MPa	1,0MPa	do	1,6MPa	weight (kg)	Cat. No.
50	235	250	14	165	125	102	19	3	4	19	4	19	11,6	2251				
80	290	280	17	200	160	138	19	3	8/4	19	8/4	19	18,7	2255/2256				
100	330	300	19	220	180	158	19	3	8	19	8	19	24,6	2260				
150	400	350	19	285	240	212	19	3	8	23	8	23	37,7	2265				

FLANGE GATE VALVE- GRAY IRON

DN	H	L	K	Dk	1,0MPa	Do	1,6MPa	D1	g	f	1,0MPa	n	1,6MPa	1,0MPa	do	1,6MPa	weight (kg)	Cat. No.
50	235	250	14	165	125	102	20	3	4	19	4	19	11,6	2201				
80	290	280	17	200	160	138	22	3	8/4	19	8/4	19	18,7	2205/2206				
100	330	300	19	220	180	158	24	3	8	19	8	19	25,7	2210				
150	400	350	19	285	240	212	26	3	8	23	8	23	40,5	2215				
200	490	400	24	340	295	268	30	3	8	12	8	23	77,6	2220/2221				