

# Resilient Seated Gate Valve

## MAIN FEATURES

- ✓ Huge convenience in daily water-using and repairing if sealing parts are in the open while the valve is still in the pipeline.
- ✓ Class A sealing (ZERO LEAKAGE).
- ✓ 100% testing before packing and delivery.
- ✓ If standard bonnets are broken, we could replace the sealing parts with the valve completely.
- ✓ Completely free and full bore self-cleaning & low-pressure loss.
- ✓ Clockwise closing (CWC) as standard, anticlockwise closing upon request.
- ✓ Operation: Manual handwheel, Square Cap, Extension Spindle.
- ✓ Bonnet bolts are in Galvanized Carbon Steel and sealed with hot melt to prevent corrosion. Other materials upon request.
- ✓ O-ring bonnet gasket wraps each bolt to prevent corrosion.
- ✓ Linear sealing design provides better sealing & lower closing torque.
- ✓ Potable water approved epoxy coating, fusion bonded according to DIN 3476-1, EN 14901.

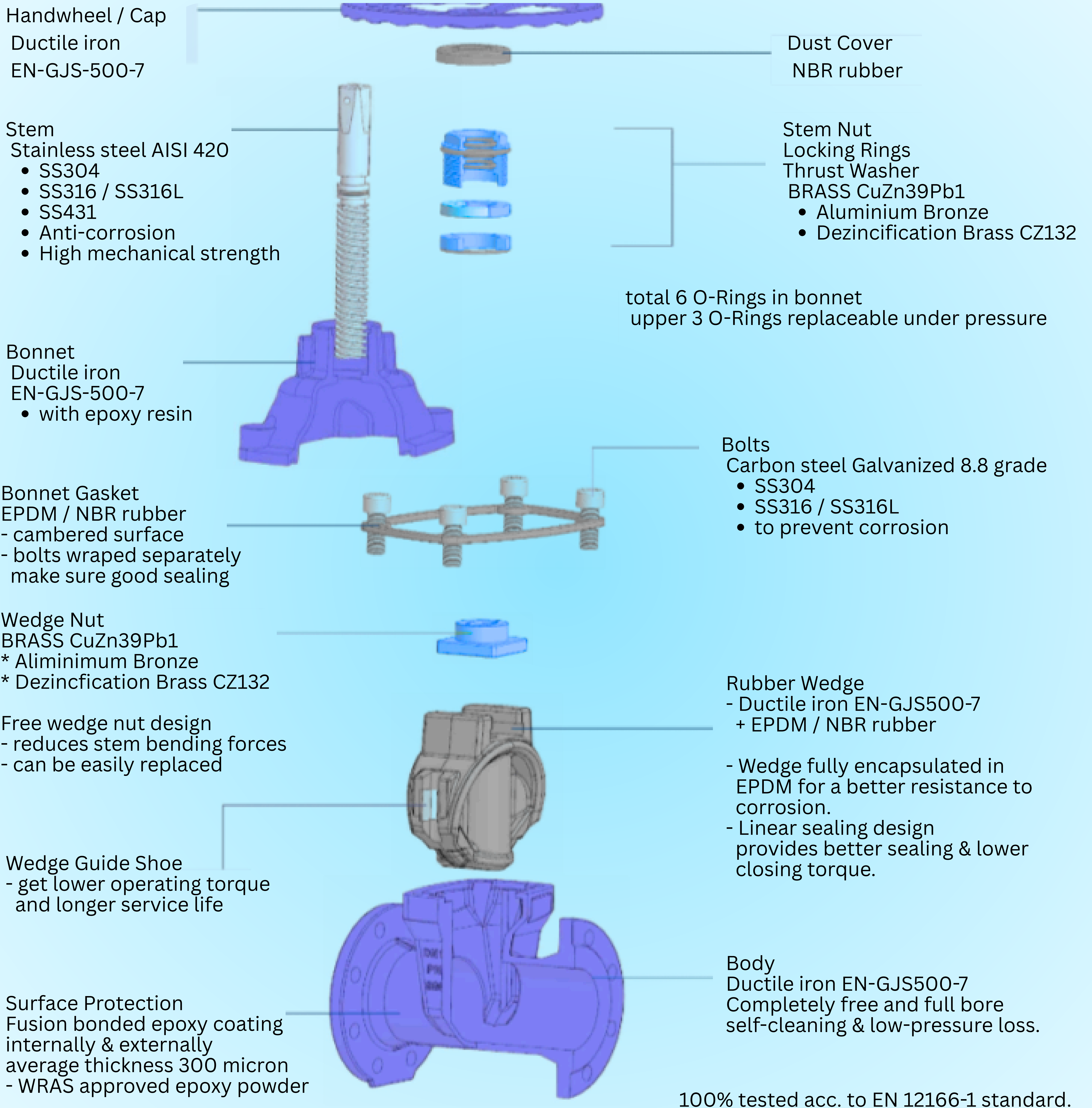


## Standards

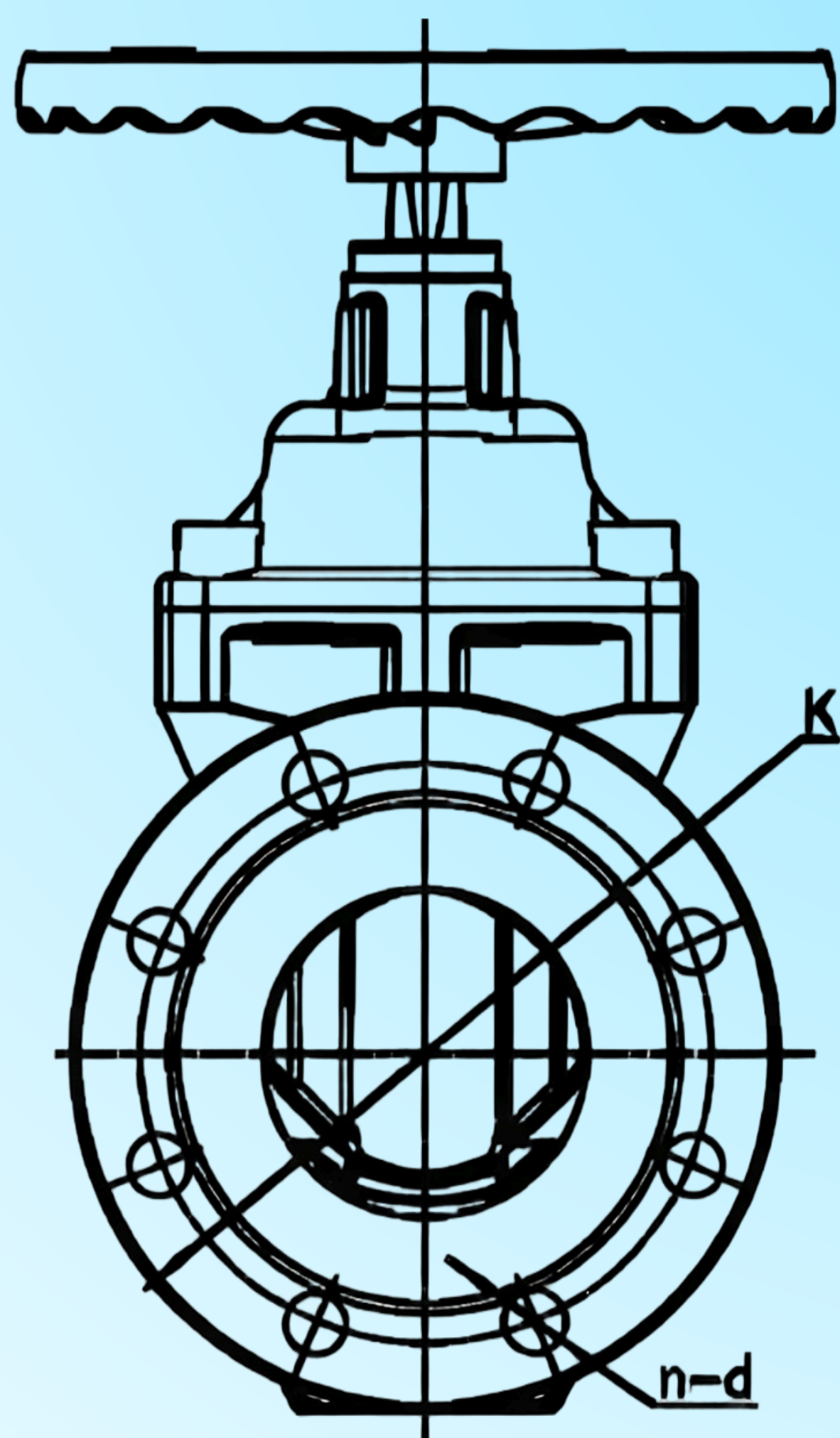
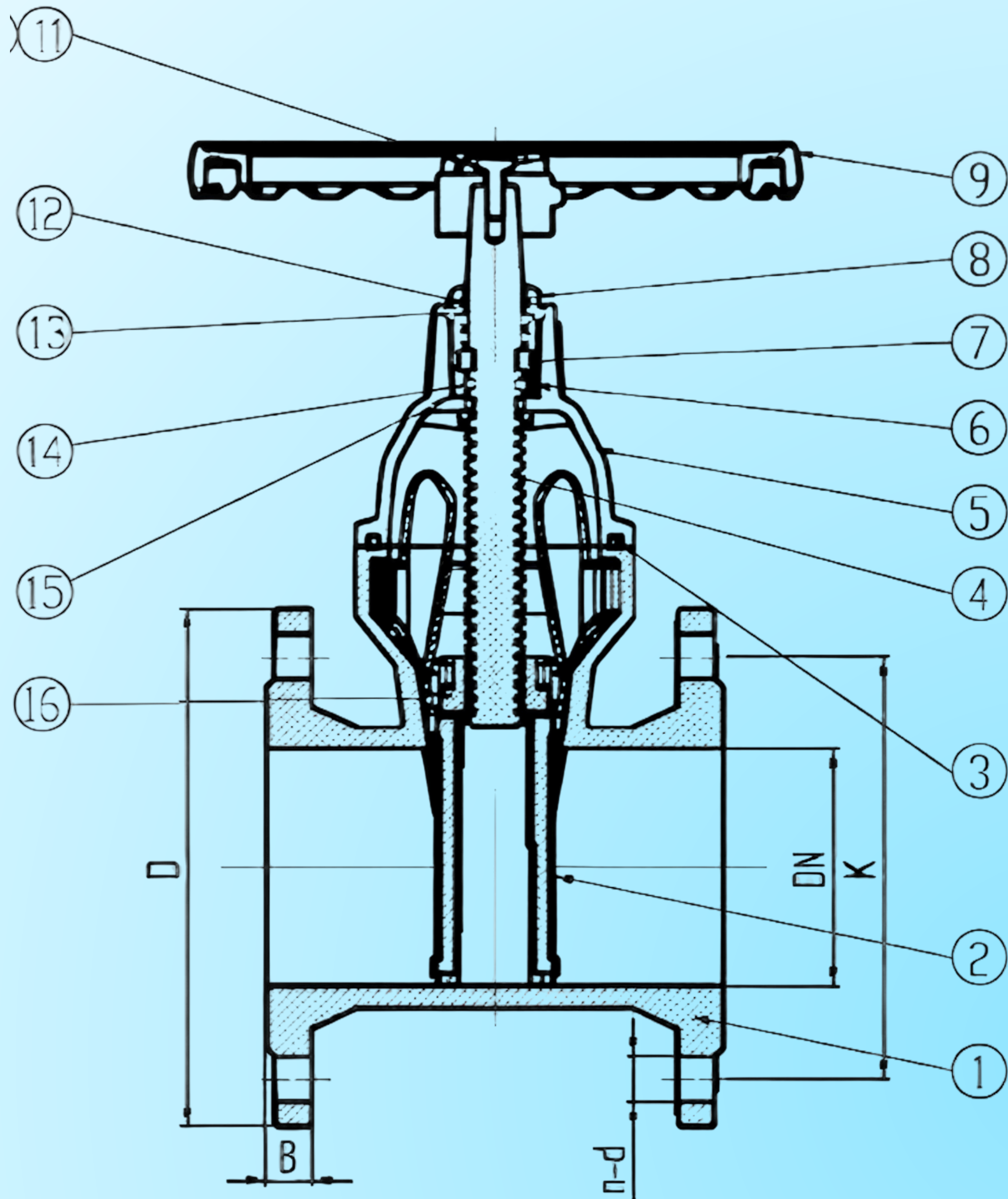
- ✓ **Hydraulic tests according to EN-12266-1, Class A**
- ✓ **Designed to EN-1074**
- ✓ **Flanges to EN-1092-2, BS4504**



# DESIGN FEATURES

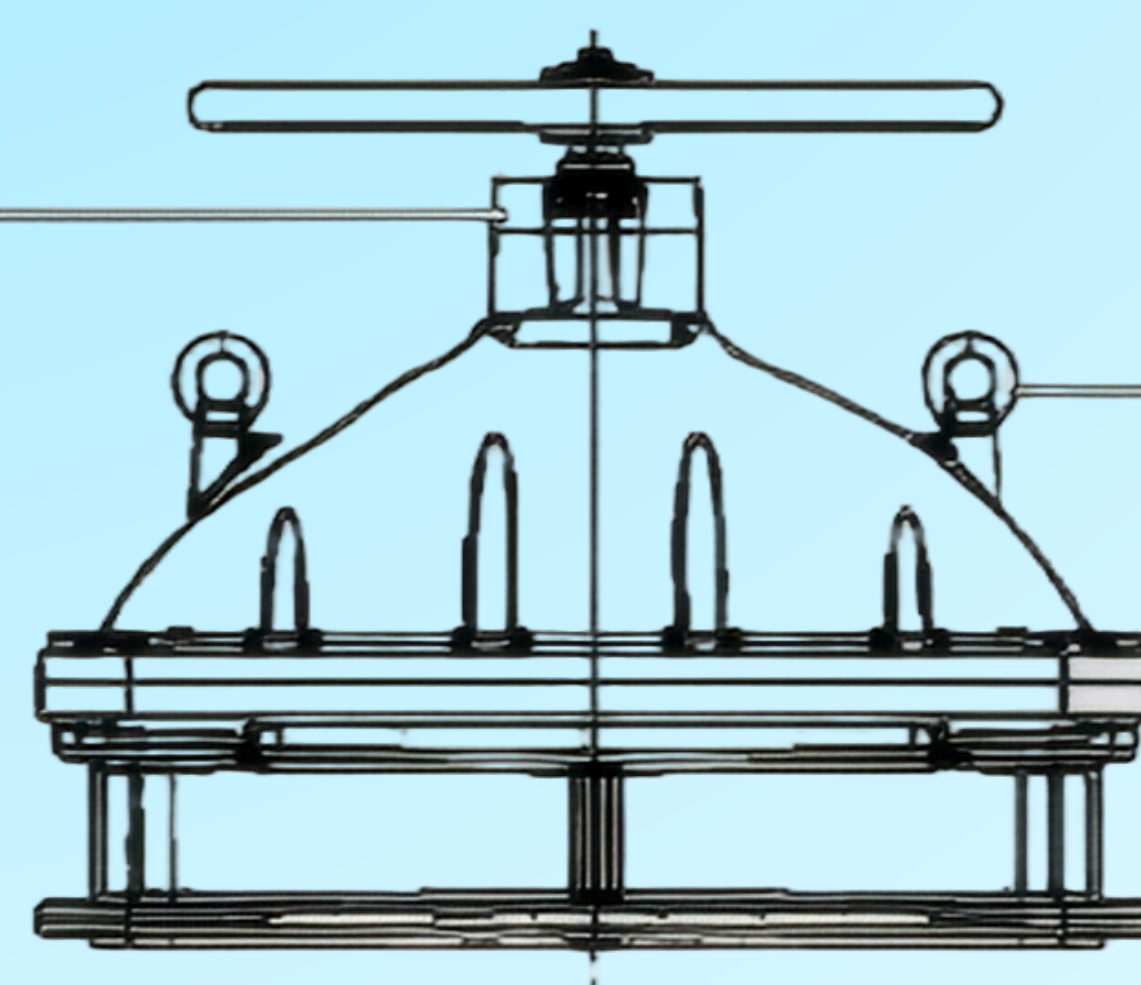


# DESIGN FEATURES



No.	Component	Standard Material
17	Core	DUCTILE IRON
16	Stem Nut	CuZn39Pb1 Brass
15	O Ring	NBR
14	O Ring	NBR
13	O Ring	NBR
12	Dustcover	NBR
11	Flat washer	AISI304 STAINLESS STEEL
10	Bolt	AISI304 STAINLESS STEEL
9	Handwheel/Cap	DUCTILE IRON GJS 500-7
8	Thrust Nut	CuZn39Pb1 Brass
7	Holding Ring	CuZn39Pb1 Brass
6	Thrust Washer	CuZn39Pb1 Brass
5	Bonnet	DUCTILE IRON GJS 500-7
4	Stem	AISI 304/316/420 STAINLESS STEEL
3	Bonnet Gasket	NBR
2	Disc	EPDM+DUCTILE IRON GJS 500-7
1	Body	DUCTILE IRON GJS 500-7

\* size above DN300  
with gland on bonnet



\* lifting ring  
from size DN200

# DESIGN FEATURES

Nominal Diameter	Outline (mm) L (face to face)		PN 10			
	DIN-F4	DIN-F5	D	K	n*d	B
DN40	140	240	150	110	4*19	19
DN50	150	250	165	125	4*19	19
DN65	170	270	185	145	4*19	19
DN80	180	280	200	160	8*19	19
DN100	190	300	220	180	8*19	19
DN125	200	325	250	210	8*19	19
DN150	210	350	285	240	8*23	19
DN200	230	400	340	295	8*23	20
DN250	250	450	405	350	12*23	22
DN300	270	500	460	400	12*23	24.5
DN350	290	550	520	460	16*23	26.5
DN400	310	600	580	515	16*28	28
DN450	330	650	640/640	565 / 585	20*28 / 20*31	30/30
DN500	350	700	670/715	620/650	20*28 / 20*434	26.5/31.5
DN600	390	800	780/840	725/770	20*431 / 20*37	30/36
DN700	430	900	895/910	840/840	24*431 / 24*37	32.5/39.5
DN800	470	1000	1015/1025	950/950	24*934 / 24*441	35/43
DN900	510	1100	1125/1125	1050/1050	28*934 / 28*40	46.5/46.5
DN1000	550	1200	1255/1255	1160/1 1170	28*437 / 28*443	50/50
DN1200	630	1400	1485/1485	1380/1390	32*40 / 32*49	57/57

Nominal Diameter	Outline (mm) L (face to face)		PN 16			
	DIN-F4	DIN-F5	D	K	n*d	B
DN40	140	240	150	110	4*19	19
DN50	150	250	165	125	4*19	19
DN65	170	270	185	145	4*19	19
DN80	180	280	200	160	8*19	19
DN100	190	300	220	180	8*19	19
DN125	200	325	250	210	8*19	19
DN150	210	350	285	240	8*23	19
DN200	230	400	340	295	12*23	20
DN250	250	450	405	355	12*28	22
DN300	270	500	460	410	12*28	24.5
DN350	290	550	520	470	16*28	26.5
DN400	310	600	580	525	16*31	28
DN450	330	650	640/640	565 / 585	20*28 / 20*31	30/30
DN500	350	700	670/715	620/650	20*28 / 20*434	26.5/31.5
DN600	390	800	780/840	725/770	20*431 / 20*37	30/36
DN700	430	900	895/910	840/840	24*431 / 24*37	32.5/39.5
DN800	470	1000	1015/1025	950/950	24*934 / 24*441	35/43
DN900	510	1100	1125/1125	1050/1050	28*934 / 28*40	46.5/46.5
DN1000	550	1200	1255/1255	1160/1 1170	28*437 / 28*443	50/50
DN1200	630	1400	1485/1485	1380/1390	32*40 / 32*49	57/57

Nominal Diameter	Outline (mm) L (face to face)		PN 25			
	DIN-F4	DIN-F5	D	K	n*d	B
DN40	140	240	150	110	4*19	19
DN50	150	250	165	125	4*19	19
DN65	170	270	185	145	8*19	19
DN80	180	280	200	160	8*19	19
DN100	190	300	235	190	8*23	19
DN125	200	325	270	220	8*28	19
DN150	210	350	300	250	8*28	20
DN200	230	400	360	310	12*28	22
DN250	250	450	425	370	12*31	24.5
DN300	270	500	485	430	16*31	27.5
DN350	290	550	555	490	16*34	32
DN400	310	600	620	550	16*37	32
DN450	330	650	640/640	565 / 585	20*28 / 20*31	30/30
DN500	350	700	670/715	620/650	20*28 / 20*434	26.5/31.5
DN600	390	800	780/840	725/770	20*431 / 20*37	30/36
DN700	430	900	895/910	840/840	24*431 / 24*37	32.5/39.5
DN800	470	1000	1015/1025	950/950	24*934 / 24*441	35/43
DN900	510	1100	1125/1125	1050/1050	28*934 / 28*40	46.5/46.5
DN1000	550	1200	1255/1255	1160/1 1170	28*437 / 28*443	50/50
DN1200	630	1400	1485/1485	1380/1390	32*40 / 32*49	57/57



# Thank You

 More Information  
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