

MASTERVALVE NRS F4

**FIRE
PROTECTION**



Gate valve 2250

Product description:

- Body bonnet and wedge made of ductile cast iron EN-GJS 450-10
- Full bore gate valve
- EPDM full vulcanised wedge
- Wedge nut made of forged brass - replaceable
- Stainless steel (SS420) spindle with rolled thread
- Gasket body-bonnet profiling type o-ring
- Body bonnet stainless steel screws protected by wax
- O-ring spindle sealing by NBR
- Under pressure replaceable o-ring packing
- Epoxy coating minimum 250 microns according to EN 14901 and ANSI/AWWA C550
- Product according to EN 1074, EN 1171, FM1120/1130, VdS
- Flange connection according to EN 1092-2, pressure PN10, PN16
- Face to face according to EN 558+A1, F4, row 14
- Working Pressure PN16

Application:

Fire protection systems temperature from 0°C to +70°C

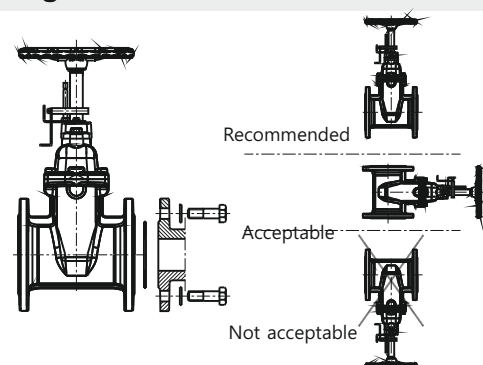
Optional types:

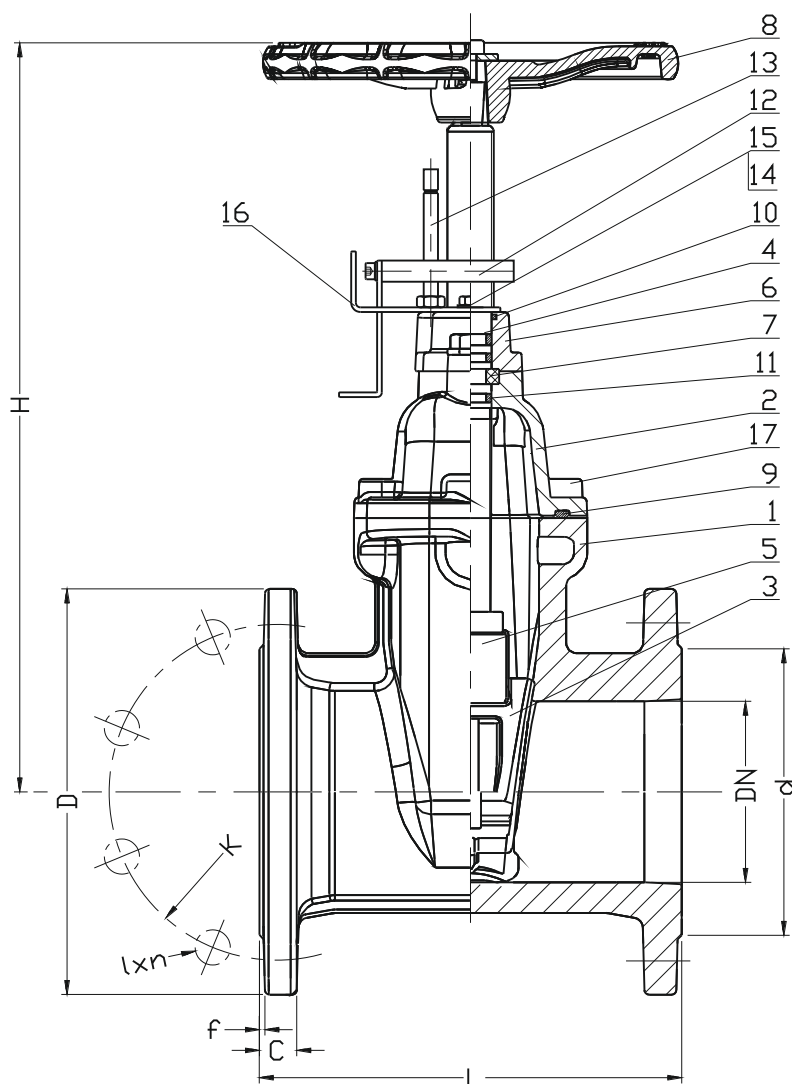
SS (A4) body bonnet screws

Test control:

Water pressure test according to FM, VdS, EN 1074, EN 12266
 Seat Leakage Test: 1,5 x PN
 Body Pressure Test: 2 x PN
 Operation torque

Assembling:





No.	Part	Material
1	Body	Ductile cast iron EN-GJS-450-10 EN 1563
2	Bonnet	Ductile cast iron EN-GJS-450-10 EN 1563
3	Wedge	Ductile cast iron EN-GJS-450-10 EN 1563 EPDM EN ISO 1629
4	Spindle	Stainless steel SS420 EN 10088-1
5	Spindle nut	Brass CuZn39Pb2
6	Gland	Ductile cast iron EN-GJS-450-10 EN 1563
7	Thrust washer	Brass CuZn39Pb2
8	Handwheel	Ductile cast iron EN-GJS-450-10 EN 1563
9	Body-bonnet gasket	EPDM EN 1629
10	Cleaning gasket	EPDM EN 1629
11	O-ring	NBR EN 1629
12	Indicator Plate	Brass CuZn39Pb2
13	Indicator Pin	Stainless steel SS420 EN 10088-1
14	Washer	Carbon steel zinc platec EN ISO 7091
15	Nut	Carbon steel zinc platec EN ISO 4032
16	Delimit	Stainless steel SS420 EN 10088-1
17	Screw	Stainless steel (SS 304) A2; EN ISO 4762

Partnumber	CE	FM	VDS	DN	PN	L	H	D	K	d	C	f	l	n	Weight
				[mm]	[bar]	[mm]								-	[kg]
2250-0050-2E169	v	v	v	50	PN10/16	150	241	165	125	99	19	3	19	4	10.2
2250-0065-2E169	v	v	v	65		170	255	185	145	118	19	3	19	4	12.3
2250-0080-2E169	v	v	v	80		180	304	200	160	132	19	3	19	8	16.3
2250-0100-2E169	v	v	v	100		190	337	220	180	156	19	3	19	8	21.1
2250-0125-2E169	v	-	v	125		200	414	250	210	184	19	3	19	8	32.4
2250-0150-2E169	v	v	v	150		210	436	285	240	211	19	3	23	8	42.26
2250-0200-2E109	v	v	v	200	10	230	506	340	295	266	20	3	23	8	57.5
2250-0200-2E169	v	v	v		16	230	506	340	295	266	20	3	23	12	57.5
2250-0250-2E109	v	v	v	250	10	250	644	405	350	319	22	3	23	12	105.4
2250-0250-2E169	v	v	v		16	250	644	405	355	319	22	3	28	12	105.4
2250-0300-2E109	v	v	v	300	10	270	739	460	400	370	24.5	4	23	12	169.2
2250-0300-2E169	v	v	v		16	270	739	460	410	370	24.5	4	28	12	169.2