

## MASTERVALVE OS&Y FxF

**FIRE  
PROTECTION**



Gate valve 2260

### Product description:

- Body bonnet and wedge made of ductile cast iron EN 1563 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 - rising
- Gasket body-bonnet profiling type o-ring
- Body bonnet stainless steel screws protected by wax
- EPDM packing gland of spindle
- Epoxy coating minimum 250 microns according to EN 14901, ANSI/AWWA C550
- Product according to FM1120/1130, AWWA C509
- Flange drilling according to ANSI CL125/150 or EN 1092-2 (ISO 7005-2) PN 10/16
- Face to face according to ANSI B16.1
- Working Pressure 250/300 PSI or PN16
- Tapping bosses will have following sizes: 1/2" tapping boss: 2"(DN50)-5"(DN125), 3/4" tapping boss: 6"(DN150)-8"(DN200), 1" tapping boss: 10"(DN250)-24"(DN600)

### Application:

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

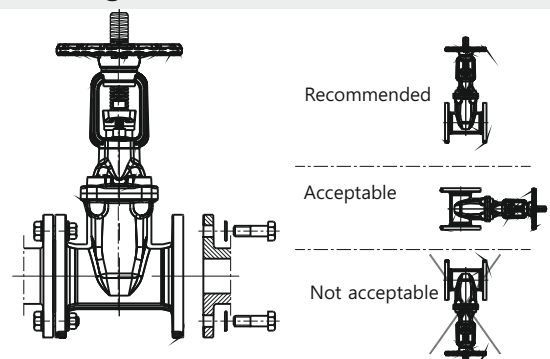
### Optional types:

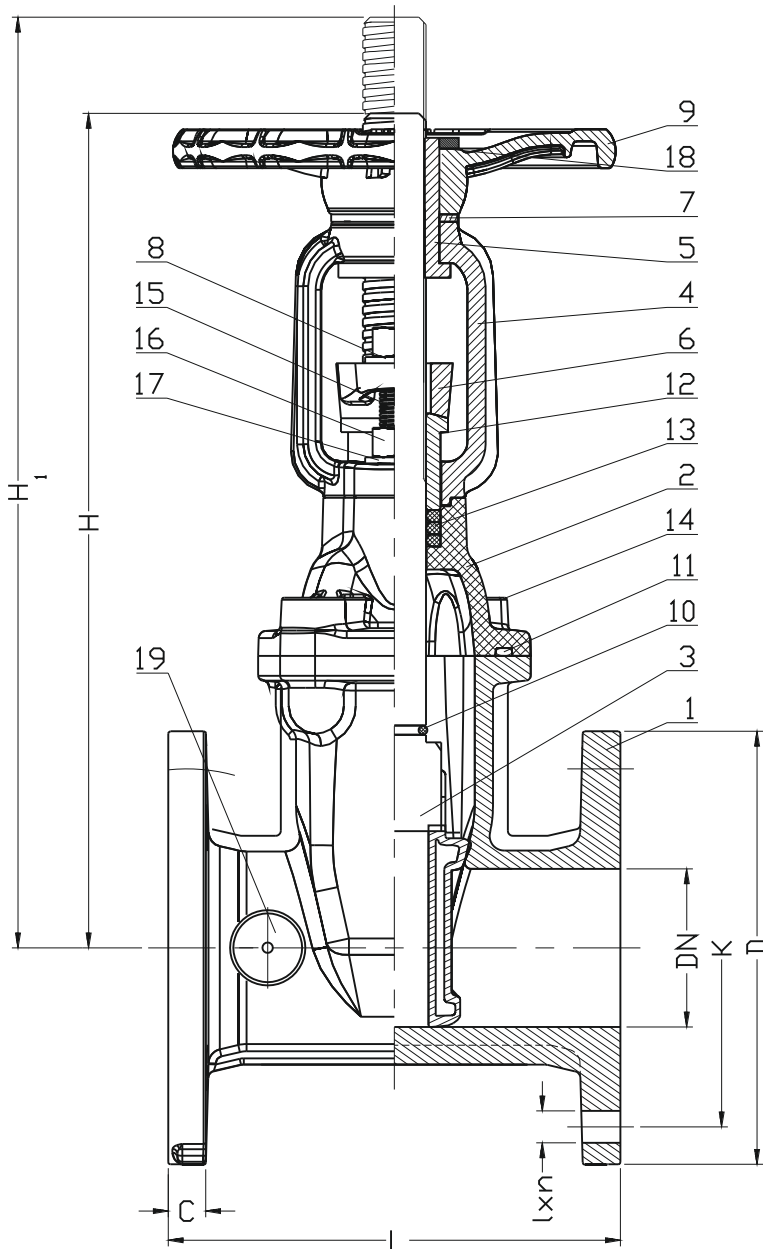
SS body bonnet screws,  
With inductive or electromechanical sensors

### Test control:

Water pressure test according to FM.  
Seat: 1,5 x PN  
Body: 2 x PN  
Operation torque test

### Assembling:





No.	Part	Material
1	Body	ASTM A536, 65-45-12 EN- GJS-450-10 EN 1563
2	Bonnet	ASTM A536, 65-45-12 EN- GJS-450-10 EN 1563
3	Wedge	ASTM A536, 65-45-12 EN- GJS-450-10 EN 1563 +EPDM
4	Yoke	ASTM A536, 65-45-12 EN- GJS-450-10 EN 1563
5	Threaded bushing	Brass CuZn39Pb2
6	Gland seal	ASTM A536, 65-45-12 EN- GJS-450-10 EN 1563
7	Spindle washer	Brass CuZn39Pb2
8	Spindle	Stainless steel AISI 420
9	Handwheel	ASTM A536, 65-45-12 EN- GJS-450-10 EN 1563
10	O-ring	NBR
11	Body-bonnet gasket	EPDM
12	Stem bushing	Brass CuZn39Pb2
13	Gland seal	EPDM
14	Screw	Stainless steel (SS 316) A4; EN ISO 4762
15	Screw	Carbon steel zinc platec
16	Nut	Brass CuZn39Pb2
17	Washer	Brass CuZn39Pb2
18	Locknut	Brass CuZn39Pb2
19	Tapping bosses	ASTM A536, 65-45-12 EN- GJS-450-10 EN 1563

Partnumber		FM	DN		PN	L	H/H1	D		K		C		I		n		Weight
ANSI Class 150	ISO 7005-2 PN16	-	[inch]	[mm]	[PSI]			ANSI/ISO	ANSI/ISO	ANSI/ISO	ANSI/ISO	ANSI/ISO	ANSI/ISO	ANSI/ISO	ANSI/ISO	ANSI/ISO	ANSI/ISO	[kg]
2260-0020-2E300	2260-0050-2E169	v	2	50	300	178	348/400	152	165	120,7	125	16,0	19	19,1	18	4	4	14.7
2260-0025-2E300	2260-0065-2E169	v	2 1/2	65		190	373/440	178	185	139,7	145	17,5	20	19,1	18	4	4	17.8
2260-0030-2E300	2260-0080-2E169	v	3	80		203	408/490	191	200	152,4	160	19,1	20	19,1	18	4	8	23.1
2260-0040-2E300	2260-0100-2E169	v	4	100		229	471/573	229	220	190,5	180	19,1	22	19,1	18	8	8	31.9
2260-0050-2E300	2260-0125-2E169	v	5	125		254	540/665	254	250	215,9	210	19,1	22	22,2	18	8	8	42.3
2260-0060-2E300	2260-0150-2E169	v	6	150		267	601/755	279	285	241,3	240	19,1	24	22,2	22	8	8	53.2
2260-0080-2E300	2260-0200-2E169	v	8	200		292	774/975	343	340	298,5	295	22,2	26	22,2	22	8	12	91.3
2260-0100-2E300	2260-0250-2E169	v	10	250		330	939/1193	406	405	362,0	355	23,8	29	25,4	26	12	12	134.7
2260-0120-2E300	2260-0300-2E169	v	12	300	250	356	1065/1370	483	460	431,8	410	25,4	32	25,4	26	12	12	200.1
2260-0140-2E250	2260-0350-2E169	v	14	350		381	1210/1560	533	520	478,3	470	25,4	35	25,4	26	12	16	343.5
2260-0160-2E250	2260-0400-2E169	v	16	400		408	1280/1680	597	580	539,8	525	25,4	38	28,8	30	12	16	356.3
2260-0180-2E250	2260-0450-2E169	v	18	450		432	1760/2210	635	640	577,9	585	25,4	42	28,8	30	16	20	531.6
2260-0200-2E250	2260-0500-2E169	v	20	500		457	1780/2280	699	715	635	650	28,6	46	31,8	33	20	20	566.73
2260-0240-2E250	2260-0600-2E169	v	24	600		508	1950/2550	813	840	749,3	770	30,1	52	34,9	36	20	20	785.1

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development.