

RISING STEM GATE VALVE MODEL FIG013



PRODUCTION STANDARDS

**MODEL FIG013 | DN50 - DN600
PN10 - PN16**

Design	BS5163/EN1171
Flange	EN1092-2/BS4504
Test	BS6755/EN12266-1
Temperature	0-80degree
Seal test	11/18 bar
Body test	15/24 bar
Drive form	Handwheel/Cap

FEATURE

- The position of the fire protection valve can be monitored with the use of the on-board tracking circuitry. This avoids damage that could be caused by the valve in a closed position during a possible fire.
- Full bore characteristics without disruption of flow results in low the valve.
- 100 % tight sealing is achieved through EPDM covered wedge fully contacting the fusion bonded Epoxy coated flow surface.
- The top of the shaft bearing and shaft nuts are made of brass. High precision machining enables low.
- Operation torques. Inner and outer surfaces are coated with minimum • Stanc 300 microns.
- Flanged end connections.
- Lightweight ductile iron body and bonnet.
- Lower operating torque, designed for a higher life cycle.

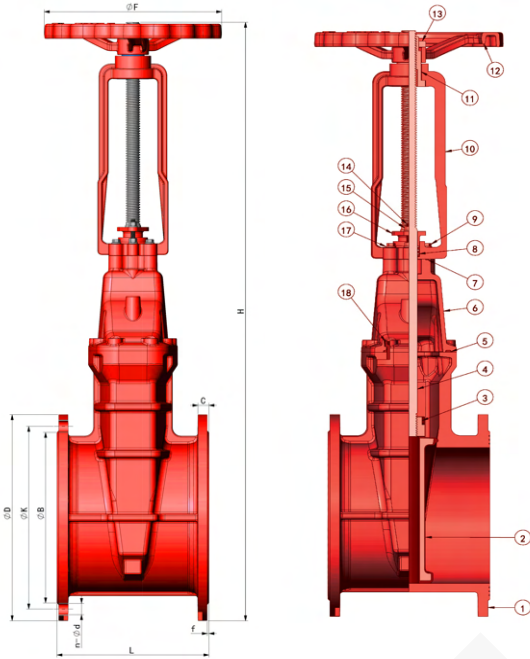
TEMPERATURE

- Maximum 70 °C

SCOPE OF APPLICATION

- Hot water lines
- Cold water lines
- Fire Application
- Power Plants
- Industry

RIISING STEM GATE VALVE **MODEL FIG013**



MATERIAL SELECTION

No	Items	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Valve plate	Ductile iron covered with rubber	EN GJS 500-7 EPDM
3	Wedge Nut	Forged Brass	CZ122
4	Stem	Stainless Steel	AISI 420/AISI 431
5	Sealing ring	Rubber	EPDM
6	Bonnet	Ductile Iron	EN GJS 500-7
7	O-ring	Rubber	EPDM
8	Washer	PTFE	Commercial
9	Bolt	CS	Commercial
10	Suport	Ductile Iron	EN GJS 500-7
11	Screw nut	Forged Brass	CZ122
12	Handwheel	Ductile Iron	EN GJS 500-7
13	Lock nut	Forged Brass	CZ122
14	Screw	CS	Commercial
15	Nut	CS	Commercial
16	Platen	Ductile Iron	EN GJS 500-7
17	Washer	CS	Commercial
18	In Hex Bolt	CS	Commercial

DIMENTIONS

DN (mm)	L		H	ØB		ØD		ØK		n-Ød		C		f	ØF
	BS	F4		PN10	P16	PN10	P16	PN10	P16	PN10	P16	PN10	P16		
50	178	150	360	99		165		125		4-Ø19		19		3	180
65	190	170	398	118		185		145		4-Ø19		19		3	180
80	203	180	445	132		200		160		8-Ø19		19		3	180
100	229	190	565	156		220		180		8-Ø19		19		3	250
125	254	200	615	184		250		210		8-Ø19		19		3	250
150	267	210	723	211		285		240		8-Ø23		19		3	300
200	292	230	877	266		340		295		8-Ø23	12-Ø23	20		3	330
250	330	250	1080	319		395	405	350	355	12-Ø23	12-Ø28	22		3	380
300	356	270	1239	370		445	160	400	410	12-Ø23	12-Ø28	24. 5		4	380
350	381	290	1508	429		505	520	460	470	16-Ø23	16-Ø28	24. 5	26.5	4	480
400	406	310	1780	480		565	580	515	525	16-Ø28	16-Ø31	24.5	28	4	480
450	432	330	2030	530	548	615	640	565	585	20-Ø28	20-Ø31	25.5	30	4	600
500	457	350	2310	582	609	670	715	620	650	20-Ø28	20-Ø34	26.5	31.5	4	600
600	508	390	2600	682	720	780	840	725	770	20-Ø31	20-Ø37	30	36	5	600