RISING STEM GATE VALVE
MODEL FIG013

PRODUCTION STANDARDS

MODEL FIG013 I DN50 - DN600
PN10 - PN16

Design	BS 5163:1994, TYPE A
Connection	BS 6755
Tests	BS 6755
Pressure Class	PN 10/16
Corrosion Protection	Electrostatic Powder Epoxy

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 distruption 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

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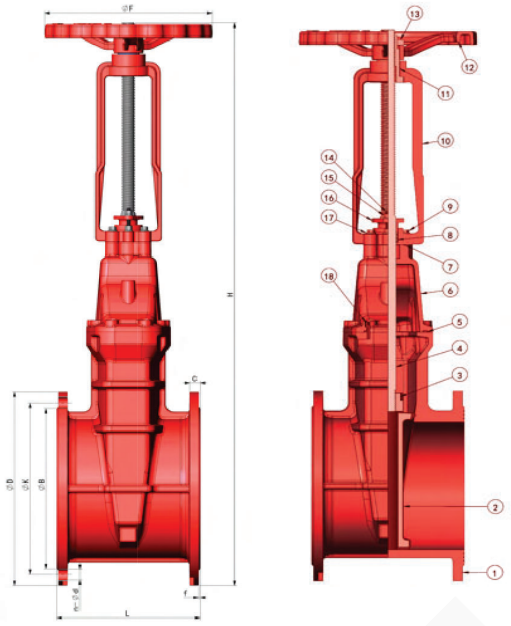

MATERIAL SELECTION

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	Bonet	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	L		H	ØB		ØD		ØK		n-Ød		C		f	ØF
(mm)	BS	F4		PN10	P16	PN10	P16	PN10	P16	PN10	P16	PN10	P16		
50	178	150	300	99		165		125		4-Ø19		19		3	180
65	190	170	340	118		185		145		4-Ø19		19		3	180
80	203	180	370	132		200		160		8-Ø19		19		3	180
100	229	190	435	156		220		180		8-Ø19		19		3	250
125	254	200	490	184		250		210		8-Ø19		19		3	250
150	267	210	567	211		285		240		8-Ø23		19		3	300
200	292	230	683	266		340		295		8-Ø23	12-Ø23	20		3	330
250	330	250	810	319		395	405	350	355	12-Ø23	12-Ø28	22		3	380
300	356	270	910	370		445	160	400	410	12-Ø23	12-Ø28	24. 5		4	380
350	381	290	1050	429		505	520	460	470	16-Ø23	16-Ø28	24. 5	26.5	4	480
400	406	310	1170	480		565	580	515	525	16-Ø28	16-Ø31	24.5	28	4	480
450	432	330	1300	530	548	615	640	565	585	20-Ø28	20-Ø31	25.5	30	4	600
500	457	350	1380	582	609	670	715	620	650	20-Ø28	20-Ø34	26.5	31.5	4	600
600	508	390	1650	682	720	780	840	725	770	20-Ø31	20-Ø37	30	36	5	600