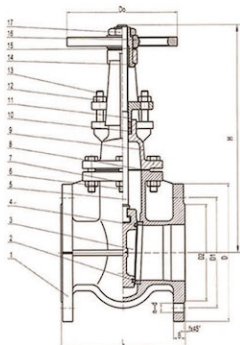


# Cast Iron Gate Valve (OS&Y), PN 16

Model : IGA-F3



### Specification Standards :

- Design, manufacture conforms to EN1171 (BS 5150)
- Face to face dimension conforms to series 3 of BS EN 558 -1
- Flange drilled conforms to BS ES1092 - 2

### Features :

- Bolted bonnet
- Rising stem, Outside screw and yoke
- Solid wedge disc designed
- Hand wheel operation
- Adjustable stem packing

### Application :

- For general and industrial services
- Applicable medium : water, oil

### Materials :

No.	Parts	Material
1	Body	Cast iron
2	Body seat ring	Cast brass
3	Wedge	Ductile iron
4	Wedge seat ring	Brass/stainless steel
5	Stem	Stainless steel
6	Bolt	Steel
7	Nut	Steel
8	Gasket	Graphite
9	Bonnet	Ductile iron
10	Packing	Graphite
11	Gland Follower	Ductile iron
12	Nut	Steel
13	Bolt	Steel
14	Stem nut	Cast brass
15	Handwheel washer	Cast bronze
16	Handwheel	Cast iron
17	Handwheel nut	Ductile iron

### Test Requirements

Working Pressure	150 PSI ( 10 Bar )
Maximum Pressure	200 PSI ( 14 Bar )
Shell Test Pressure	300 PSI ( 21 Bar )
Applicable Temperature	< 120 °C

### Dimensions

**mm**

Size	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
L	140	178	191	202	229	252	269	291	331	350
D	150	165	185	200	220	250	285	340	405	460
D1	110	125	145	160	180	210	240	295	355	410
D2	80	102	124	140	158	188	212	268	320	378
B	16	16	16	17	17	18	20	21	23	24
F	2	2	2	2	2	3	3	3	3	4
n-d	4-19	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28
Do	160	160	160	160	200	200	250	250	320	320
H	244/295	254/315	294/371	331/424	385/500	457/598	545/711	683/901	823/1093	952/1273