

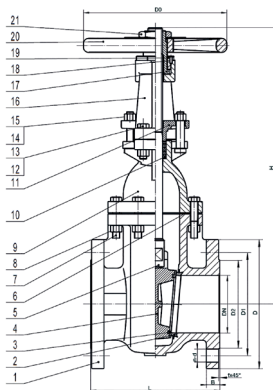
ART 223

PN25 Cast Iron Rising Stem Gate Valve



Features

- Flange mounting PN25 only
- Flange conforms to BS EN1092 PN25
- Conforms to BS5150 (BS EN558-1 Series 4)
- OSY rising stem



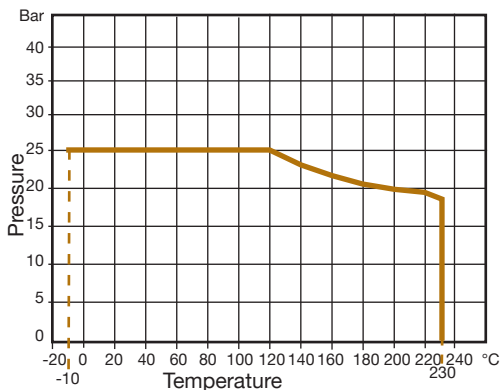
Technical data

Max pressure: 25 Bar

Working temp: -10°C to +230°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L	216	241	283	305	381	403	419	457	502
D	165	191	210	254	279	318	381	445	521
D1	125	145	160	190	220	250	310	370	430
D2	99	118	132	156	184	211	274	330	398
B	22	25	29	32	35	37	41	48	51
n-d	4-19	8-19	8-19	8-23	8-28	8-28	12-28	12-31	16-31
D0	175	200	254	300	300	348	400	457	457
f	3	3	3	3	3	3	3	3	4
H (min)	325	362	406	493	579	644	795	935	1059
H (max)	385	437	493	611	716	813	1023.5	1211	1386
Kgs	17.8	23.3	28.2	45.8	69	86.2	125	206	278

N.	Part Name	Materials
1	Body	Cast Iron - BS1452 Gr.220
2/3	Seat Ring	Cast Bronze - BS1400 LG2
4	Wedge	Cast Iron - BS1452 Gr.220
5	Stem	Brass - BS2874 CZ122
6	Gasket	Graphite
7	Bolt	Steel - BS970 43A
8	Nut	Steel - BS970 43A
9	Bonnet	Cast Iron - BS1452 Gr.220
10	Packing	Graphite
11	Gland Follower	Ductile Iron - BS2789 Gr.420-12
12	Bolt	Steel - BS970 43A
13	Nut	Steel - BS970 43A
14	Bolt	Steel - BS970 43A
15	Nut	Steel - BS970 43A
16	Yoke	Cast Iron - BS1452 Gr.220
17	Yoke Bushing	Cast Brass - BS1400 PCB1
18	Screw	Steel - BS970 43A
19	Yoke Bushing Nut	Cast Iron - BS1452 Gr.220
20	Handwheel	Cast Iron - BS1452 Gr.220
21	Handwheel Nut	Steel - BS970 43A



V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.