

ART 235

PN16 Cast Iron Gate Valve



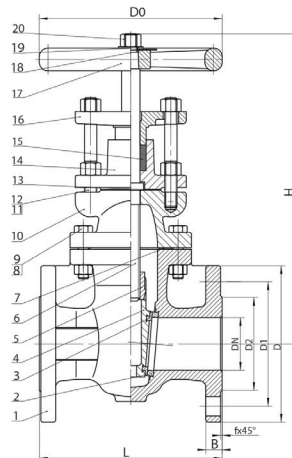
Features

- Flange mounting PN16 only
- BS5150 (BS EN558-1 series 3)
- Non-rising stem



Technical data

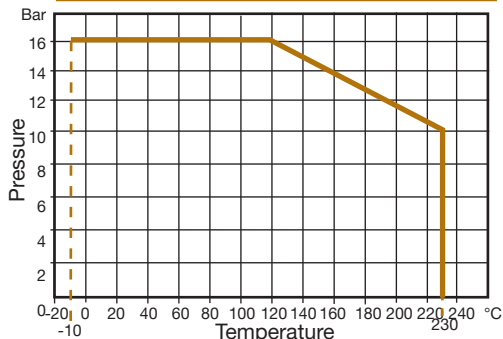
Max pressure: 16 Bar
Working temp: -10°C to +230°C



DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
D1	125	145	160	180	210	240	295	355	410	470	525	585	650	770
D2	99	118	132	156	184	211	266	319	370	429	480	548	609	720
B	20	20	22	24	26	26	30	32	32	36	38	40	42	48
f	3	3	3	3	3	3	3	3	4	4	4	4	4	5
n-d	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28	16-28	16-31	20-31	20-34	20-37
D0	178	178	200	254	300	300	348	400	457	560	560	610	610	765
H	302	332	335	423	485	545	644	769	860	987	1044	1148	1257	1418
Kgs	16.5	21.6	26.5	47.2	68.0	87.0	118.0	197.0	275.0	370.0	460.0	635.0	800.0	1135.0

N. Part Name	Materials
1 Body	Cast Iron BS EN1561 EN-GJL-250
2 Body Sealed Ring	Cast Bronze BS1400 LG2
3 Wedge Sealed Ring	Cast Bronze BS1400 LG2
4 Wedge	Cast Iron BS EN1561 EN-GJL-250
5 Stem Nut	Cast Brass BS1400 PCB1
6 Stem	Stainless Steel BS970 420S37
7 Gasket	Graphite
8 Bolt	Steel BS970 43A
9 Nut	Steel BS970 43A
10 Bonnet	Cast Iron BS EN1561 EN-GJL-250
11 Studs	Steel BS970 43A
12 Nut	Steel BS970 43A
13 Stuffing Box Gasket	Graphite
14 Stuffing Box	Cast Iron BS1561 EN-GJL-250
15 Packing	Graphite
16 Gland Follower	Ductile Iron BS EN1563 EN-GJS-450-10

N. Part Name	Materials
17 Handwheel	Cast Iron BS EN1561 EN-GJL-250
18 Disc	Aluminium
19 Washer	Steel BS970 43A
20 Nut	Steel BS970 43A

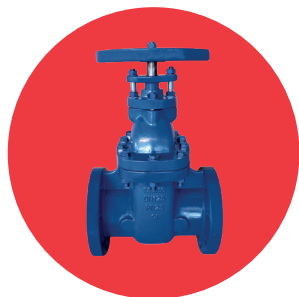


V1. Dimensions in mm

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.

ART 233 PN25

PN25 Cast Iron Gate Valve

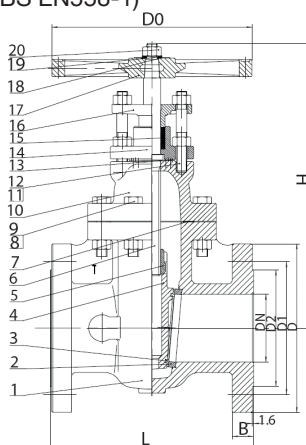


Features

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

Technical data

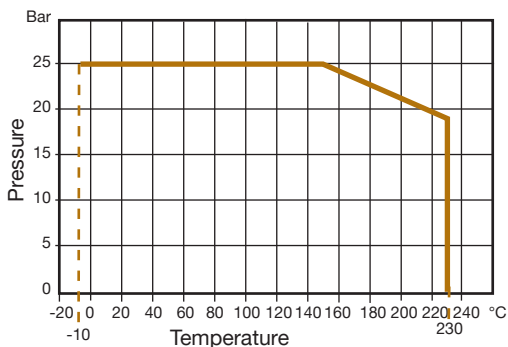
Max pressure: 25 Bar
Working temp: -10°C to +230°C



DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L	215.9	241.3	282.5	304.8	381.0	403.2	419.1	457.0	502.0
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	389
f	3	3	3	3	3	3	3	3	4
B	22.2	25.4	28.6	31.8	34.9	36.5	41.3	47.6	50.8
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
H	303	338	375	424	499	561	665	810	905
Kgs	17.1	23.0	27.5	47.7	70.0	89.0	126.0	208.0	289.0

N. Part Name	Materials
1 Body	Cast Iron BS EN1561 EN-GJL-250
2 Body Seat Ring	Cast Bronze BS1400 LG2
3 Wedge Seat Ring	Cast Bronze BS1400 LG2
4 Wedge	Cast Iron BS EN1561 EN-GJL-250
5 Wedge Nut	Cast Brass BS1400 PCB1
6 Stem	Brass BS2874 CZ122
7 Gasket	Graphite
8 Bolt	Steel BS970 43A
9 Nut	Steel BS970 43A
10 Bonnet	Cast Iron BS EN1561 EN-GJL-250
11 Gland Follower Bolt	Steel BS970 43A
12 Nut	Steel BS970 43A
13 Gasket	Graphite
14 Stuffing Box	Cast Iron BS EN1561 EN-GJL-250
15 Packing	Graphite
16 Gland Follower	Ductile Iron BS EN1563 EN-GJS-450-10
17 Handwheel	Cast Iron BS EN1561 EN-GJL-250

N. Part Name	Materials
18 Identification Plate	Aluminium
19 Washer	Steel BS970 43A
20 Nut	Steel BS970 43A



V2. Dimensions in mm

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