

# ART 235

## PN16 Cast Iron Gate Valve

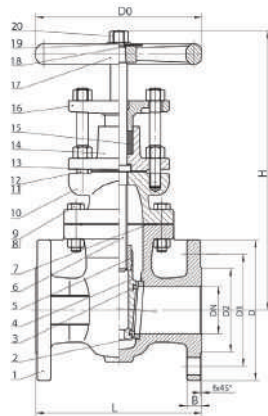


### Technical data

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

### Features

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



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

