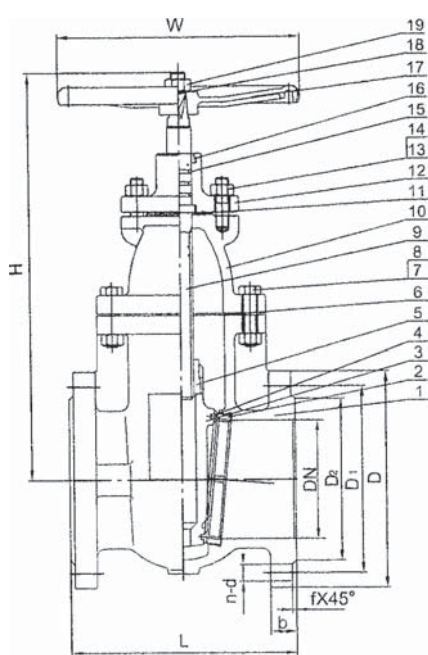


Cast Iron Gate Valve PN16

Non Rising Stem • Solid Wedge

Face to Face BSEN 558-1 • Flange Dimensions BSEN 1092-2

Conform to BS 5163 • Flange drilled to BS 4504 PN16/PN10



NPF 618

MATERIAL LIST

PART	MATERIAL	SPECIFICATION (BS)
1. Body	Cast Iron	1561 EN JL 1030
2. Seat Ring	Bronze	1982 CC 491K
3. Wedge	Cast Iron	1561 EN JL 1030
4. Wedge Ring	Bronze	1982 CC 491K
5. Wedge Nut	Mn Brass	1982 CC 491K
6. Bonnet Gasket	Graphite + Steel	--
7. Bonnet Bolt	Carbon Steel	BSEN 10087
8. Bonnet Nut	Carbon Steel	BSEN 10087
9. Stem	Stainless Steel	BSEN 10088-1
10. Bonnet	Cast Iron	1561 EN JL 1030
11. Stuffing Box Gasket	Graphic + Steel	--
12. Gland	Cast Iron	1561 EN JL 1030
13. Bolt	Carbon Steel	BSEN 10087
14. Nut	Carbon Steel	BSEN 10087
15. O-Ring	NBR	--
16. Dustproof Ring	NBR	--
17. Handwheel	Cast Iron	1561 EN JL 1030
18. Washer	Carbon Steel	BSEN 10087
19. Nut	Carbon Steel	BSEN 10087

Pressure Testing

	DN50-300	DN350 & Above
Shell	24 Bar	15 Bar
Seat	17.6 Bar	11 Bar

Pressure Rating

Temperature	DN50-300	DN350 & Above
-10° to 120°C	16 Bar	10 Bar

DIMENSIONS (mm)

Nominal Size Inch(mm)	L	D	D1	D2	b	n-d	f	H	W	W.T. (Kg)
2 1/2" (65mm)	190	185	145	118	20	4-19	3	369	180	25
3" (80mm)	203	200	160	132	22	8-19	3	409	200	28
4" (100mm)	229	220	180	156	24	8-19	3	458	200	45
5" (125mm)	254	250	210	184	26	8-19	3	516	240	62
6" (150mm)	267	285	240	211	26	8-23	3	570	240	78
8" (200mm)	292	340	295	266	30	12-23	3	753	320	138
10" (250mm)	330	405	355	319	32	12-28	3	807	320	198
12" (300mm)	356	460	410	370	32	12-28	4	940	400	282
14" (350mm)	381	520	470	429	36	16-28	4	1002	505	415
16" (400mm)	406	580	525	480	38	16-31	4	1100	556	525
18" (450mm)	432	640	585	548	40	20-31	4	1210	610	634
20" (500mm)	457	715	650	609	42	20-34	4	1380	640	946
24" (600mm)	508	840	770	720	48	20-37	5	1455	640	1280

Freezing weather precaution: Subsequent to testing a piping system, valves should be in an open position to allow complete drainage.