

CAST IRON GATE VALVE

BRAND NAME	:	NIBCO
MODEL	:	NPF 620
SIZE	:	2" - 12"
WORKING PRESSURE	:	16 BAR (232 PSI.)
BODY TESTED PRESSURE	:	24 BAR (348 PSI.)
CONNECTION	:	FLANGED ENDS
		BSEN 1092-2

MATERIAL OF CONSTRUCTION

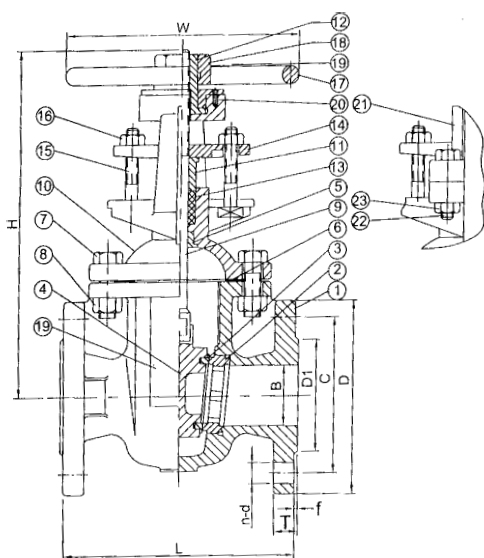
BODY	:	CAST IRON
WEDGE	:	CAST IRON
HANDWHEEL	:	CAST IRON
GLAND	:	BRASS
STEM	:	STAINLESS STEEL
BONNET	:	CAST IRON

Cast Iron Gate Valve PN16

Rising Stem • Solid Wedge

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

Conform to BS 5150 • Flange drilled to BS 4504 PN 16/PN 10



NPF 620

MATERIAL LIST

PART	MATERIAL	SPECIFICATION (BS)
1. Body	Cast Iron	1561 EN-JL 1030
2. Seat Ring	Bronze	1982 CC491K
3. Wedge Ring	Bronze	1982 CC491K
4. Wedge	Cast Iron	1561 EN-JL 1030
5. Backseat	Brass	12164 CW603N
6. Gasket	Graphite	--
7. Bolts	Carbon Steel	BSEN 10087
8. Nuts	Carbon Steel	BSEN 10087
9. Stem	Stainless Steel	BSEN 10088-1
10. Bonnet	Cast Iron	1561 EN-JL 1030
11. Gland	Brass	12164 CW603N
12. Stem Bushing	Bronze	1982 CC491K
13. Packing	Graphite	--
14. Gland Flange	Ductile Iron	1563 EN-JS 1030
15. Bolt	Carbon Steel	BSEN 10087
16. Nut	Carbon Steel	BSEN 10087
17. Handwheel	Cast Iron	1561 EN-JL 1030
18. Nut	Ductile Iron	1563 EN-JS 1030
19. Nameplate	Aluminium	BSEN 10087
20. Setscrew & Lock Nut	Carbon Steel	BSEN 10087/1561 EN-JL 1030
21. Yoke	Cast Iron	1561 EN-JL 1030
22. Yoke Bolt	Carbon Steel	BSEN 10087
23. Yoke 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	C	D	D1	f	T	n-d	W	H	W.T. (Kg)
2 1/2" (65mm)	190	145	185	118	3	20	4-18	200	345	26
3" (80mm)	203	160	200	132	3	22	8-18	200	387	29
4" (100mm)	229	180	220	156	3	24	8-18	260	490	50
5" (125mm)	254	210	250	184	3	26	8-18	300	576	71
6" (150mm)	267	240	285	211	3	26	8-22	300	680	88
8" (200mm)	292	295	340	266	3	30	12-22	350	808	136
10" (250mm)	330	355	405	319	3	32	12-26	400	1010	214
12" (300mm)	356	410	460	370	4	32	12-26	450	1080	294
14" (350mm)	381	460	505	429	4	30	16-22	508	1640	450
16" (400mm)	406	515	565	480	4	32	16-26	558	1804	580
18" (450mm)	432	565	615	530	4	32	20-26	610	2090	760
20" (500mm)	457	620	670	582	4	34	20-26	640	2490	935
24" (600mm)	508	725	780	682	5	36	20-30	640	2960	1230

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