



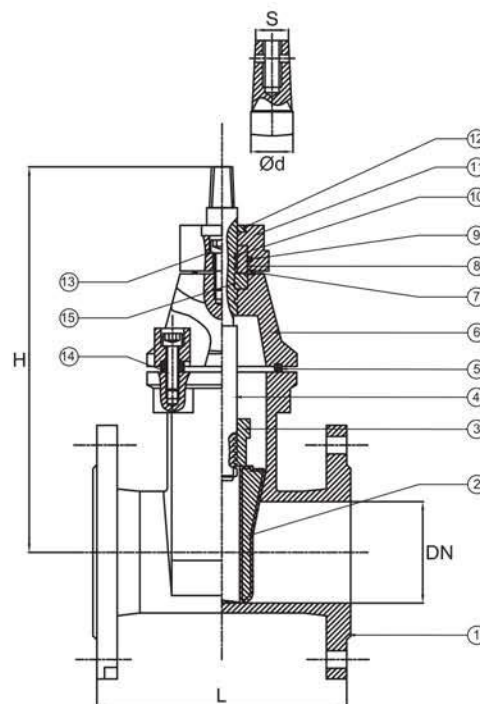
## SPECIFICATION

Application Medium	Portable Water and Sewage
Valve Size	DN50 to DN600
Design and manufacture	BS EN 1074-2, BS 5163 Pt. 1&2,
Face to Face Dimension	BS EN 558-1 Series 3
End Connection	Flanged End BS EN 1092-2 PN16
Working Pressure	Maximum 16 Bar
Working Temperature	Up to 80°C
Actuation	Stem Cap, Handwheel Operated
Test Pressure (Hydrostatic)	Shell Test 24 Bar, Seat Test 17.6 Bar
Optional	By-Pass Valve, Position Indicator

## GATE VALVE RESILIENT SEATED DUCTILE IRON

## MATERIALS

PARTS	MATERIALS	BS DESIGNATION / GRADE
1. Body	Ductile Iron (FBE coated)	BS EN 1563 Grade 500/7
2. Wedge	Ductile Iron Vulcanized EPDM	BS EN 1563 Grade 500/7 + EN 681
3. Stem Nut	Gunmetal	BS 1400 LG2
4. Stem	Stainless Steel	BS 970 Part 1 431S29
5. Bonnet Gasket	EPDM	BS EN 681-1
6. Bonnet	Ductile Iron (FBE coated)	BS EN 1563 Grade 500/7
7. Sleeve O-ring Seal (lower)	EPDM	BS EN 681-1
8. Sealing Sleeve	Gunmetal	BS 1400 LG2
9. Sleeve O-ring Seal (upper)	EPDM	BS EN 681-1
10. Stem O-Ring Seals	EPDM	BS EN 681-1
11. Gland	Ductile Iron (FBE coated)	BS EN 1563 Grade 500/7
12. Dust Guard	EPDM	BS EN 681-1
13. Gland Bolts	Stainless Steel	BS 970 Part 1 431S29
14. Bonnet Fastener	Stainless Steel	BS 970 Part 1 431S29
15. Thrust Collar	Gunmetal	BS 1400 LG2



**FIG 6N3B**

## DIMENSIONS (mm)

Size	inch	2	2½	3	4	5	6	8	10	12	14	16	18	20	24
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
<b>L</b>		178	190	203	229	254	267	292	330	356	381	406	432	457	508
<b>H</b>		218	235	255	300	350	392	485	585	655	760	832	860	995	1160
<b>Ød</b>		20	20	24	24	26	26	28	30	32	34	38	40	40	42
<b>Weight (Kg)</b>		10	13	17	22	28	38	58	88	125	200	280	350	400	580

\*The specifications are subject to change without further notice