



SN GMBH
ROHRE BESCHLÄGE VENTILE

“ FOR GUARANTEED TROUBLE FREE SERVICE ”

Cast Steel Gate Valve

Flanged, Class-150



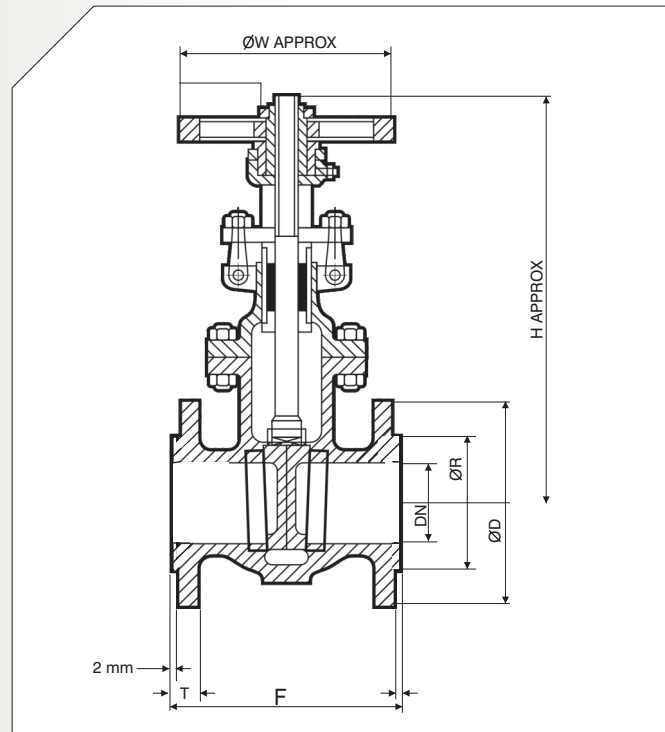
PRODUCT DESCRIPTION

Product : ,SN¹ Cast Steel Gate Valve
Product Standard : BS 1414/API-600
Pressure/Class/Rating : Class-150
Body Material cum Standard : CCS(ASTM A-216 Gr.WCB)
Product Description : Bolted bonnet O/S Yoke Rising Stem
Type Of Seat : Renewable Seat
Type of Disc : Renewable Solid Wedge
Trim : SS AISI 410 with Aluminium Bronze Sleeve
Gland Packing : Expanded Graphite Packing
End Details : Flanges as per ANSI B16.5 Class 150 R.F. Undrilled

TESTING & CERTIFICATION

- **Body Test Pressure :** 30 barg Hyd.(435 Psig)
- **Seat Test Pressure :** 22 barg Hyd.(320 Psig)
6.9 barg Hyd.(100 Psig) AIR

- **Tested as per API 598 / ANSI B16.34 / BS : 6755 PART 1**



Test Certificate in Form III-C as per IBR is furnished with every supply.

WATER

OIL

GAS

STEAM

MATERIALS

Components	Materials	Specifications
Body, Bonnet, Yoke, Gland Flange	Cast Carbon Steel	ASTM A 216 Gr.WCB
Wedge (for 2" or less)	Stainless Steel	AISI 410
Wedge (Above 2")	Cast Carbon Steel With SS Weld Deposit/AISI-410	ASTM A 216 Gr.WCB AISI-410
Gasket	CAF	BS : 1832
Gland Packing	Expanded Graphite	Corrosion Inhibitor
Handwheel	Malleable Iron	IS : 14329
Body Rings, Gland Yoke Follower,Sleeve Nut, Stem, Backseat Bush, Locking Screws	Stainless Steel	AISI-410
Gland Bolting	Carbon Steel	UTS 392 N/mm2
Bolts	Alloy Steel	ASTM A193 Gr.B7
Nuts	HT Steel	ASTM A194 Gr.2H
Yoke Sleeve	AL Bronze	

DIMENSIONS IN mm

Size	F	H	ØW	OD	T	ØR
25	127	255	127	110	11.6	50.8
40	165	290	178	125	14.7	73
50	178	315	178	150	16.3	92.1
65	191	355	178	180	17.9	104.8
80	203	400	210	190	19.5	127
100	229	475	254	230	24.3	157.2
125	254	560	305	255	24.3	185.7
150	267	625	305	280	25.9	215.9
200	292	810	400	345	29	269.9
250	330	920	450	405	30.6	323.8
300	356	1060	500	485	32.2	381