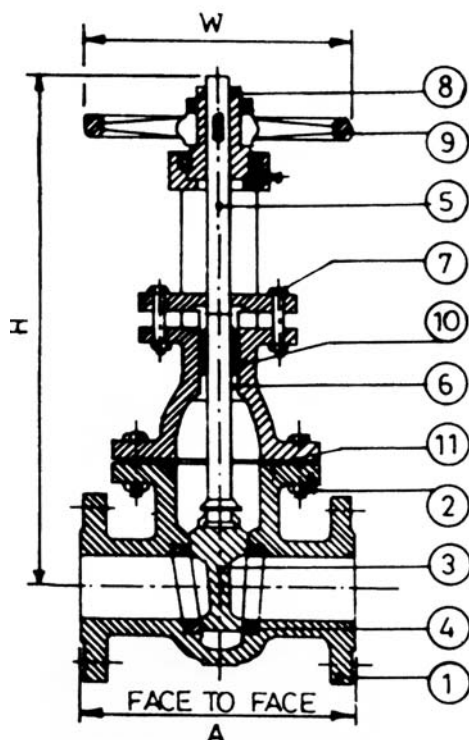


Gate Valve Flanged



DESIGN FEATURES

- O S & Y Type Rising Stem.
- Solid Wedge gate with excess contact face for extra long life of flexible wedge.
- Renewable seat ring & backseat.
- Seating face of seat ring & the disc faced with Cr. Alloy facing if desired.
- Stellite seating surfaces are provided if required.
- Operated by Manual or Gear.

VALVE STANDARDS :

PRESSURE RATING	:	150 LBS / 300 LBS
VALVE DESIGN	:	BS 1414 / API 600
FACE TO FACE	:	ANSI B 16.10
TEST PRESSURE	:	BS 6755 / API 598
FLANGE DIMENSIONS	:	ANSI B 16.5 / IS 1636 / IS 780 / 2906
SIZE RANGE	:	40 MM To 450 MM

HYDROSTATIC TEST PRESSURE

Shell	30 Kg/Cm ²	425 psi
Seat	21 Kg/Cm ²	300 psi

MATERIAL OF CONSTRUCTION

Part No.	Description	Cast Iron	Cast Steel	Stainless Steel
1-2	Body, Bonnet, Wedge	Cast Iron	A216 Gr. WCB	A 351 Gr. CF8 / CF8M
3-4	Wedge & Seat Ring	Gun Metal	13% Cr. Steel	Equivalent to Body Material
5	Stem	13% Cr. Steel		Equivalent to Body Material
6	Back Seat Bush	13% Cr. Steel		Equivalent to Body Material
7	Bolts / Studs / Nuts	Carbon Steel		
8	Yoke Sleeve	Gun Metal		
9	Hand Wheel	Cast Iron		
10	Gland Packing	Lubricated Asbestos		
11	Bonnet Gasket	CAF		

DIMENSIONS (MM)

Valve size	Face to face	H APX.	W APX.	WT Kg. APX.
40	165	270	152	16
50	178	381	203	18
65	191	425	203	28
80	203	505	254	30
100	229	590	254	50
150	267	840	304	85
200	292	1025	355	128
250	330	1250	457	220
300	356	1425	508	310
350	381	1600	570	400
400	407	1900	600	550
450	432	1280	600	700

Note : Date given are subject to change for products improvements.

Manufactured by :

KHD VALVES (P) LTD.

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Client :

Ref. No. :

Drg. No. : GTF - 141

