JAS-ANZ MAX CERTIFICATIONS
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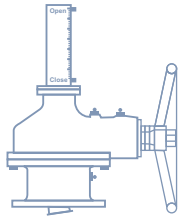
UTVC™

USMANI
TUBES & VALVES CO. PVT. LTD.
MANUFACTURERS OF INDUSTRIAL VALVES

GATE VALVES

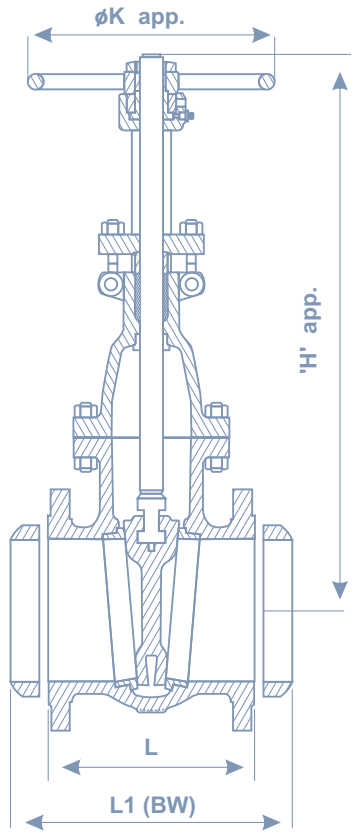
GATE VALVE BOLTED BONNET CLASS 150
API 600 / ASME AB16.34



GEAR OPERATION

MATERIAL SPECIFICATIONS

NO.	Part Name	Material		
1.	Body	WCB /A105	WC6	CF8/ CF8M
2.	Bonnet	WCB / A105	WC6	CF8/ CF8M
3.	Yoke 1	WCB / A105	WC6	CF8/ CF8M
4.	Wedge	13%Cr. Facing on WCB	13%Cr. Facing on WC6	CF8/ CF8M
5.	Seats Ring 2	CA15/13%Cr.+ Stellited	S.S 304+ Stellited	CF8/CF8M Stellited
6.	Back Seat	T410		Integral
7.	Spindle	T410		T304/ T31
8.	Gland Bush	T410		T304/ T31
9.	Gland Flange	Carbon Steel / WCB		S.S 304
10.	Yoke Seleeve	ASTM A 439 Gr.D2/ AL-Bronze		
11.	Yoke Nut	WCB	WCB/WC6	CF8/ CF8M
12.	Hand Wheel	Carbon Steel / M.I.		
13.	Hand Wheel Nut	Carbon Steel		S.S 304
14.	Stud & Nut	B7/ 2H	B16/7	B7/2H
15.	Eye Bolt & Nut	B7 /2H		B8/8
16.	Casing Stud & Nut	B7 /2H		B8/2H
17.	Cross Bolt & Nut	B7 /2H		B8/8
18.	Gasket	Spiral Wound S.S. 304/ S.S 316 With ASB/GRAF		
19.	Gland Packing	Graphite ASB. INHIB. & Inconel Wire REIN.		
20.	Grease Nipple	Brass /Steel		
21.	Name Plate	Aluminum		
22.	Bearing	Standard		



NOTE: SEPARATE YOKE 10"NB AND ABOVE
SEAL WELD 20"NB AND ABOVE
INTEGRAL BACK SEAT FOR AUSTENITIC STEEL VALVES.
SEAT AND WEDGE STELLITING OPTIONAL

TESTING DETAIL

Hydrotest {KG/CM^2}	
Shell	31
Seat	22
Seat Air Test :	7

DIMENSION CHART 150#

Valve Size in mm	2 50	3 80	4 100	5 125	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	22 550	24 600	26 650	28 700	30 750	32 800	36 900
L	7.0 178	8.0 203	9.0 229	10.0 254	10.5 267	11.5 292	13.0 330	14.0 356	15.0 381	16.0 406	17.0 432	18.0 457	19.0 483	20.0 508	22.0 559	24.0 610	24.0 670	28.0 711	28.0 711
L 1	8.5 216	11.12 282.5	12.0 305	15.0 381	15.9 403	16.5 419	18.0 457	19.8 502	22.5 572	24.0 610	26.0 660	28.0 711	30.0 762	32.8 813	35.5 902	39.0 991	39.0 991	--	48.0 1219
H app	400	485	600	725	765	985	1220	1395	1500	1775	2000	2210	2350	2725	2800	3130	3300	3420	3975
øK app	200	250	250	300	300	350	450	500	559	559	610	610	660	660	711	711	813	813	864
Wt. kg app (F/E)	20	33	55	70	90	130	225	330	450	530	625	825	1150	1210	1415	1620	2025	2450	3050

True Definition Of Safety And Reliability