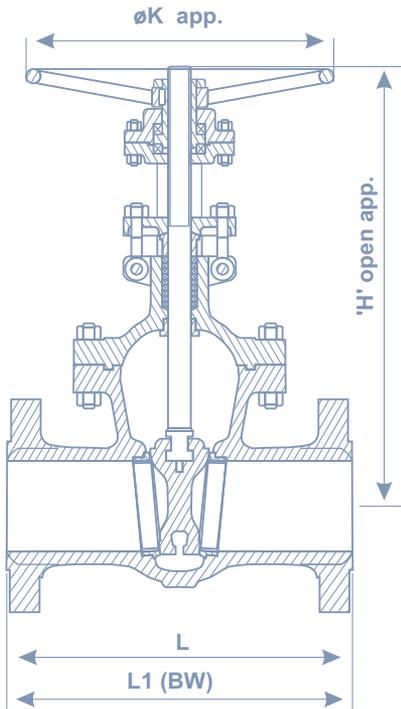


## GATE VALVE BOLTED BONNET CLASS 900 API 600 / ASME AB16.34



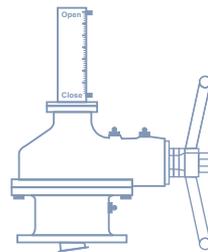
- \* SEPARATE YOKE 12"NB AND ABOVE
- \* SEAL WELD 6"NB AND ABOVE
- \* INTEGRAL BACK SEAT FOR AUSTENITIC STEEL VALVES.
- \* WEDGE STELLITING OPTIONAL

### REF STANDARDS

MFG. AND DESIGN :	API 600 / BS1414
FACE TO FACE :	ANSI B 16.10
FLANGE DETAIL :	ANSI B 16.5
INSPECTION AND TESTING:	API 598

### 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.+ Stellite d	S.S 304+ Stellited	T304/T318, 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		



GEAR OPERATION

### TESTING DETAIL

Shell	235
Seat	171
Seat Air Test :	

### DIMENSION CHART 900#

Valve Size in mm	2	3	4	6	8	10	12	14	16	18	20
L	14.5 368	15.0 381	18.0 457	24.0 610	29.0 737	33.0 838	38.0 965	40.5 1029	44.5 1130	48.0 1219	52.0 1321
L1	14.5 368	15.0 381	18.0 457	24.0 610	29.0 737	33.0 838	38.0 965	40.5 1029	44.5 1130	48.0 1219	52.0 1321
H app	440	584	712	927	1220	1600	1752	2286	2362	2450	2600
øK app	250	300	400	500	600	680	760	760	910	910	950
Wt. kg app (F/E)	70	105	190	380	595	975	1275	1665	2310	2880	3505