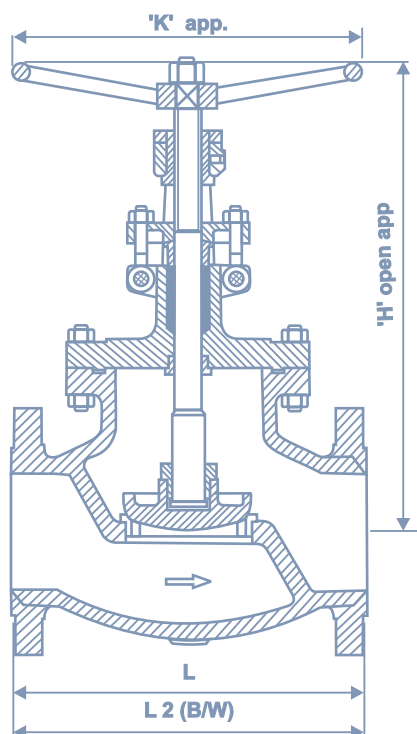


GLOBE VALVE CLASS 600 CAST STEEL BS 1873



MATERIAL SPECIFICATION

PARTS	MATERIALS		
BODY			A351 Gr. CF8/M
BONNET			A351 Gr. CF8/M
PLUG		WCB + 13% Cr. FACING	CF8/ CF8M
SEATRING		S.S. 304	CF8/ CF8M
BACKSEAT	S.S. 410		INTEGRAL
SPINDLE	S.S. 410		SS 304/SS 316
GLAND BUSH	S.S. 410		SS 304/SS 316
GLAND FLANGE	CARBON STEEL / WCB		S.S. 304
YOKE NUT	ASTM A 439 Gr. D2/ AL-BRONZE		
PLUG NUT	T 410		T 304
HAND WHEEL	CARBON STEEL / M.I		
HAND WHEEL NUT	Gr. 2H		Gr. 8
STUD & NUT	B7/ 2H	B16/7	B7 / 2H
EYE BOLT & NUT	B7/ 2H		B8 / 8
CROSS BOLT & NUT	B7/ 2H		B8 / 8
GASKET	SPW S.S. 304 / 316 WITH CAF		
GLAND PACKING	GRAPH. ASB. INHIB. & INCONEL WIRE REIN		
THRUST WASHER	T410 (HARDENED STEEL)		T 304
WASHER	STEEL		
GRUB SCREW	STEEL		
LOCK NUT	STEEL		
NAME PLATE	ALUMINIUM		

REF STANDARDS

MFG. AND DESIGN : BS 1873
FACE TO FACE : ANSI B 1610
FLANGE DETAIL : ANSI B16.5
INSPECTION AND TESTING : BS 6755

DIMENSION CHART CLASS 600#

Valve Size in mm	2 50	2.5 65	3 80	4 100	5 125	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500
L	11.5 292	13.0 330	14.0 356	17.0 432	20.0 508	22.0 559	26.0 660	31.0 787	33.0 838				
L 1	11.5 292	13.0 330	14.0 356	17.0 432	20.0 508	22.0 559	26.0 660	31.0 787	33.0 838				
H app	400	425	490	635	655	740	975	1080	1230				
oK app	250	300	350	400	450	500	600	650	700				
Wt. kg app (F/E)	35	40	68	128	185	250	435	825	910				

TESTING DETAIL

Hydrotest {KG/CM^2}	
Shell	157
Seat and Back Seat	114
Seat Air Test :	7