

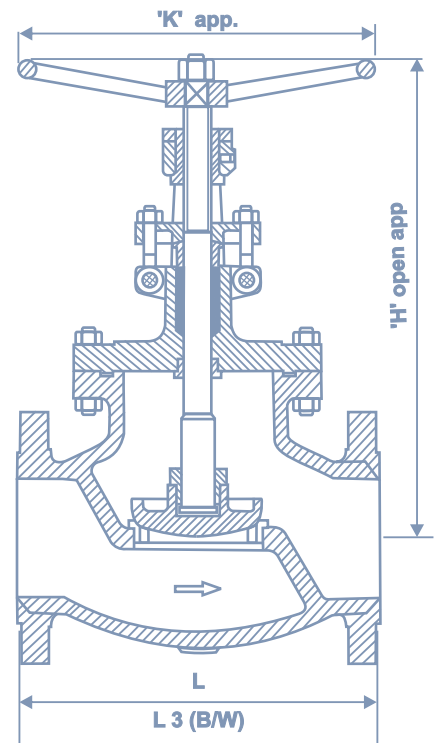
GLOBE VALVE CLASS 300 CAST STEEL BS 1873

MATERIAL SPECIFICATION

PARTS	MATERIALS		
BODY	A 216 Gr. WCB	A351 G. CF8	A351 Gr. CF8/M
BONNET	A 216 Gr. WCB	A351 G. CF8	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 TABLE CLASS 300#

Valve Size in mm	2	2.5	3	4	5	6	8	10	12	14	16	18	20
L	10.5 267	11.5 292	12.5 318	14.0 356	15.7 400	17.5 444	22.0 559	24.5 622	28.0 711	33.0 838	34.0 864	38.5 978	40.0 1016
L 1	10.5 267	11.5 292	12.5 318	14.0 356	15.7 400	17.5 444	22.0 559	24.5 622	28.0 711	33.0 838	34.0 864	38.5 978	40.0 1016
H app	360	410	450	530	590	650	735	825	950	1145	1370	1422	1475
oK app	200	250	300	350	400	450	600	700	750	800	800	850	900
Wt. kg app (F/E)	30	45	60	95	125	150	235	390	590	965	1115	1400	1800

TESTING DETAIL

Hydrotest {KG/CM²}	
Shell	79
Seat and Back Seat	58
Seat Air Test :	7

GLOBE VALVES CLASS 300