

GLOBE VALVE BOLTED BONNET CLASS 900 / 1500 / 2500

MATERIAL SPECIFICATION

PARTS	MATERIALS		
BODY	WCB / A 105	WC6 / WC9	A351 Gr. CF8/M
BONNET	WCB / A 105	WC6 / WC9	A351 Gr. CF8/M
PLUG	CA15/A 515-70/ 13% Cr. STELLITED	WC6 / WC9 + STELLITED	CF8/ CF8M + STELLITED
SEATRING	CA15/A 515-70/ 13% Cr. STELLITED	304+ STELLITED	CF8/ CF8M + STELLITED
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		

* SEAL WELD

* INTEGRAL SEAT & BACK SEAT FOR AUTHENTIC STEEL VALVES

* GUIDED DISC PROVIDED

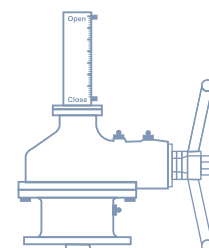
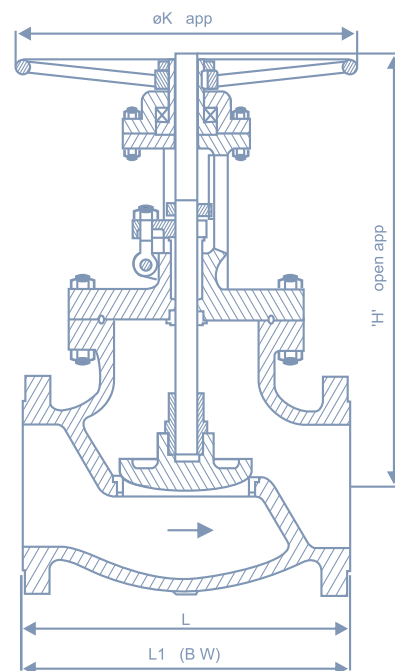
REF STANDARDS

MFG. AND DESIGN : BS 1873

FACE TO FACE : ANSI B 16.10

FLANGE DETAIL : ANSI B16.5

INSPECTION AND TESTING : BS 6755



GEAR OPERATION

TESTING DETAIL 900

Hydrotest {KG/CM ² }	
Shell	235
Seat and Back Seat	171
Seat Air Test :	7

TESTING DETAIL 1500

Hydrotest {KG/CM ² }	
Shell	390
Seat and Back Seat	286
Seat Air Test :	7

TESTING DETAIL 2500

Hydrotest {KG/CM ² }	
Shell	650
Seat and Back Seat	475
Seat Air Test :	7

DIMENSION TABLE 900

Valve Size in mm	2 50	3 80	4 100	6 150	8 200	10 250
L	14.5 368	15.0 381	18.0 457	24.0 610	29.0 737	33.0 838
L 1	14.5 368	15.0 381	18.0 457	24.0 610	29.0 737	33.0 838
H app	505	605	710	895	980	1150
oK app	300	400	500	600	700	735
Wt. kg app (F/E)	85	140	240	450	810	1150

DIMENSION TABLE 1500

Valve Size in mm	2 50	3 80	4 100	6 150	8 200
L	14.5 368	18.5 470	21.5 456	27.7 705	32.7 832
L 1	14.5 368	18.5 470	21.5 456	27.7 705	32.7 832
H app	548	750	865	1048	1188
oK app	350	450	500	700	800
Wt. kg app (F/E)	95	155	305	550	900

DIMENSION TABLE 2500

Valve Size in mm	2 50	3 80	4 100	6 150
L	17.7 451	22.7 578	26.5 673	36.0 914
L 1	17.7 451	22.7 578	26.5 673	36.0 914
H app	610	795	975	1080
oK app	400	500	700	750
Wt. kg app (F/E)	115	346	490	910