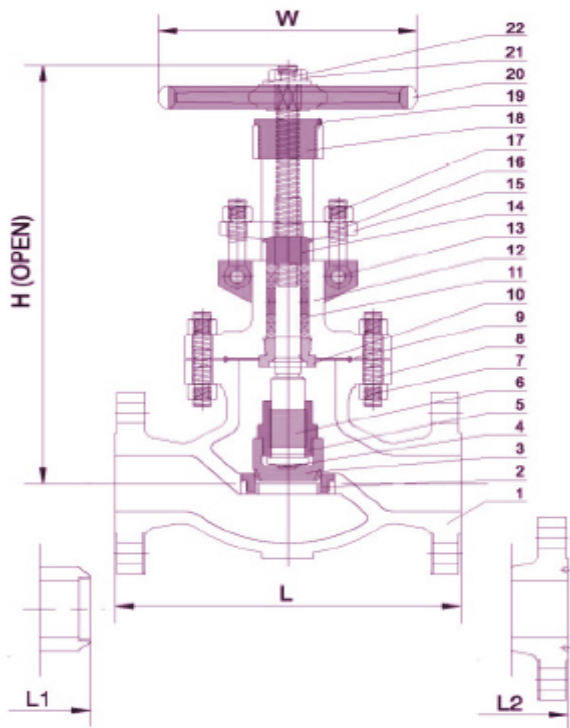


# UNIMAC GLOBE VALVES

ASA Class 400/600



Suitable for : - Steam and Oil

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESS.	TEMP.	HYD. TESTPRESS.	
			BODY	SEAT
400	150 PSIG	800° F	1425 PSIG	1060 PSIG
600	300 PSIG	800° F	2175 PSIG	1600 PSIG

AIR TEST-SEAT 80 +\_10 PSIG

## Technical Data

Manufacturing STD	:	BS 1873
Testing & Inspection STD	:	API 598/ BS 5146
Face to Face	:	ANSI B 16.10
End connections	:	Flanged as per ANSI B 16.5
Shell wall thickness	:	ANSI B 16.34

NO	DESCRIPTION	MATERIAL	QTY
01	BODY	ASTM A 216 GR.WCB	1
02	BONNET	ASTM A 216 GR.WCB	1
03	SEAT RING	AISI 410 (13%CR)	1
04	DISC	AISI 410 (13%CR)	1
05	STEM	AISI 410 (13%CR)	1
06	STEM NUT	AISI 410 (13%CR)	1
07	BONNET BUSH	AISI 410	1
08	GLAND	CARBON STEEL	1
09	GLAND PACKING	METALIC WIRE REINFORCED GRAPHITED ASBESTOS	-
10	YOKE SLEEVE	NI-RESIST	1
11	BONNET GASKET	COMPRESSED ASBESTOS FIBRE/SOFT STEEL	1
12	BONNET STUD &NUT	ASTM A 193 GR.B7 ASTM A 194 GR.2H	-
13	EYE BOLT &NUT	ASTM A 193 GR.B7 ASTM A 194 GR.2H	2SET
14	HAND WHEEL	CAST IRON	1
15	HAND WHEEL NUT	CARBON STEEL	1

### Class 400

SIZE	A	B	øC	øD	øM	N	PCD	J
25	215	23.9	51	124	19	4	89.0	250
40	242	28.7	73	156	22	4	114.5	250
50	293	31.7	92	165	19	8	127.5	305
65	331	34.8	105	191	22	8	149.0	305
80	357	38.8	127	210	22	8	168.0	405
100	407	41.4	157	254	25	8	200.0	405
125	458	44.5	186	279	25	8	235.0	490
150	496	47.5	216	318	25	12	270.0	490
200	598	54.1	270	381	381	12	330.0	610
250	677	60.2	324	445	445	16	387.0	672
300	763	63.5	381	521	521	16	451.0	825

### Class 600

SIZE	A	B	øC	øD	øM	N	PCD	J
25	214	23.9	51	124.0	19	4	89	210
40	242	28.7	73	156.0	22	4	114	250
50	293	31.7	92	165	19	8	127	250
65	331	34.8	105	191	22	8	149	405
80	357	38.1	127	210	22	8	168	405
100	433	44.5	157	273	25	8	216	490
125	509	50.8	186	330	29	8	267	490
150	560	54.1	216	356	29	12	292	610
200	661	62.0	270	419	32	12	349	675
250	788	69.8	324	508	35	16	432	825
300	839	72.9	381	559	35	20	489	825

Note : Due to constant up gradation, dimensions are subject to change by the manufacturer.