

GLOBE VALVE



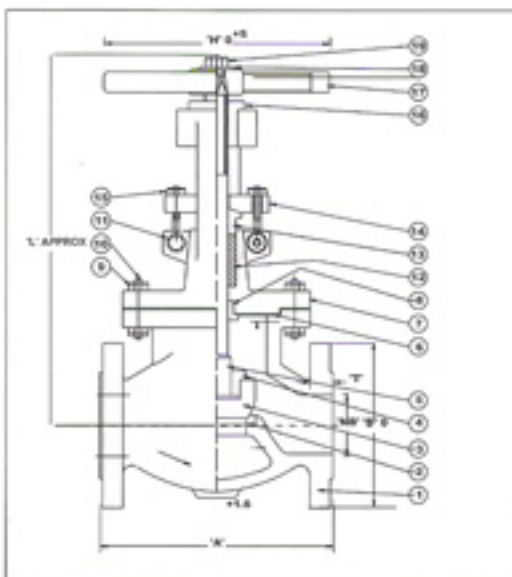
**SAVE ENERGY
"0" LEAK VALVE**



H.P. Valves Mfg. Co.

Ahmedabad, India

GLOBE VALVE



MATERIAL OF CONSTRUCTION

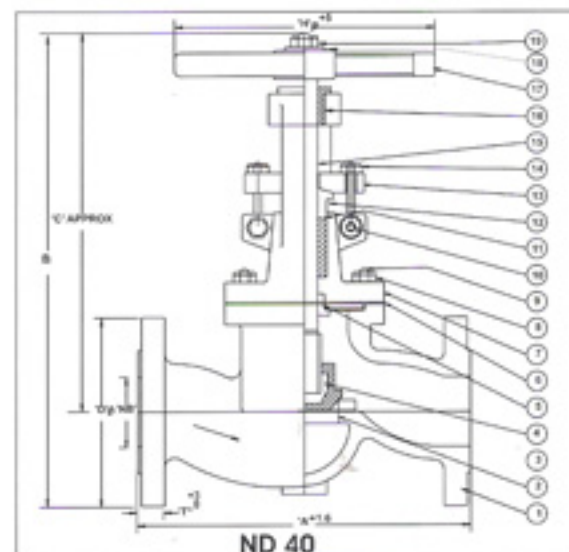
SR. NO.	PARTS	QTY	MATERIAL
1	BODY	1	ASTM A216 Gr. WCB
2	SEAT RING	2	CARBON STEEL WITH 13 % Cr. S.S. FACING
3	MAIN VALVE	1	CARBON STEEL WITH 13 % Cr. S.S. FACING
4	CHECK NUT	1	S.S. AISI 410
5	SPINDLE	1	S.S. AISI 410
6	GASKET	1	COMPRESSED ASBESTOS FIBRE/ S.S. 304 SPIRAL WOUND WITH CAF
7	BONNET	1	ASTM A 216 Gr. WCB
8	BONNET BUSH	1	S.S. AISI 410 / BRONZE
9	BONNET STUD NUT	AS REQD.	ASTM A 194 Gr. 2H
10	BONNET STUD	AS REQD.	ASTM A 193 Gr. B7
11	CROSS BOLT & NUT	2	CARBON STEEL
12	GLAND PACKING	7	METALLIC WIRE REINFORCED GRAPHITED ASBESTOS
13	GLAND	1	S.S. AISI 410
14	GLAND FLANGE	1	CARBON STEEL
15	EYE BOLT & NUT	2	CARBON STEEL
16	YOKE BUSH	1	NI-RESIST/ S.G. IRON
17	HANDWHEEL	1	MALLEABLE IRON/CAST IRON
18	WASHER	2	CARBON STEEL
19	HANDWHEEL NUT	1	CARBON STEEL

	CLASS 150					CLASS 300					CLASS 600					ND 40				
SIZE NB'	A	D	T	H	L	A	D	T	H	L	A	D	T	H	L	SIZE/NB	A	B	C	D
1 1/2	127	108	11.1	152	260	203	124	17.5	152	295	216	124	24	152	295	1 1/2	130	230	280	95
1 1/2	165	127	14.3	152	300	229	156	21	203	310	241.5	156	28.6	203	310	1 1/2	160	230	283	105
2	203	152.5	16	203	330	267	165	22.2	203	325	292	165	32	203	385	2	160	243	302	115
2 1/2	216	178	17.5	203	334	292	190.5	25.4	254	330	330	190.5	35	254	381	2 1/2	200	260	335	150
3	241.5	190.5	19	254	395	317.5	210	28.6	254	450	356	210	38	254	485	3	230	316	400	165
4	292	229	24	305	470	356	254	32	305	515	432	273	44.5	305	623	4	290	337	430	165
5	356	254	24	305	510	400	279.5	35	356	530	508	330.5	51	356	560	5	310	348	448	200
6	406.5	279.5	25.4	356	570	444.5	317.5	36.5	356	600	559	356	54	356	778	6	350	403	520	235
8	495.5	343	28.6	406	642	559	381	41.5	356	730	660.5	419	62	406	828	8	400	435	570	270
10	622.5	406.5	30.5	406	768	622.5	444.5	48	406	840	787.5	508	70	508	942	10	480	510	560	300
12	698.5	483	32	508	770	711.5	521	51	508	1005	-	-	-	-	-	12	-	-	-	-
14	787.5	533.5	35	508	920	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
16	914.5	597	36.5	508	1010	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
18	978	635	40	559	1062	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-
20	978	698.5	43	559	1220	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-

DESIGN FEATURES

- MANUFACTURING STANDARDS :
BS : 1873/ANSI B 16.34
- FACE TO FACE AS PER ANSI B 16.10
- ENDS FLANGED & DRILLED AS PER ANSI B 16.5 R.F.
- TESTED AS PER BS : 5146
- AVAILABLE WITH EXTENSION STEM

CLASS	TEST PRESSURE		PNEUMATIC TEST	MAX. TEMP.
	HYDROSTATIC	SEAT & BACK SEAT		
150	30 Kg/cm ²	22 Kg/cm ²	6 Kg/cm ²	454 C
300	76 Kg/cm ²	55 Kg/cm ²	6 Kg/cm ²	454 C
600	150 Kg/cm ²	110 Kg/cm ²	6 Kg/cm ²	454 C
ND 40	60 Kg/cm ²	40 Kg/cm ²	6 Kg/cm ²	454 C



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