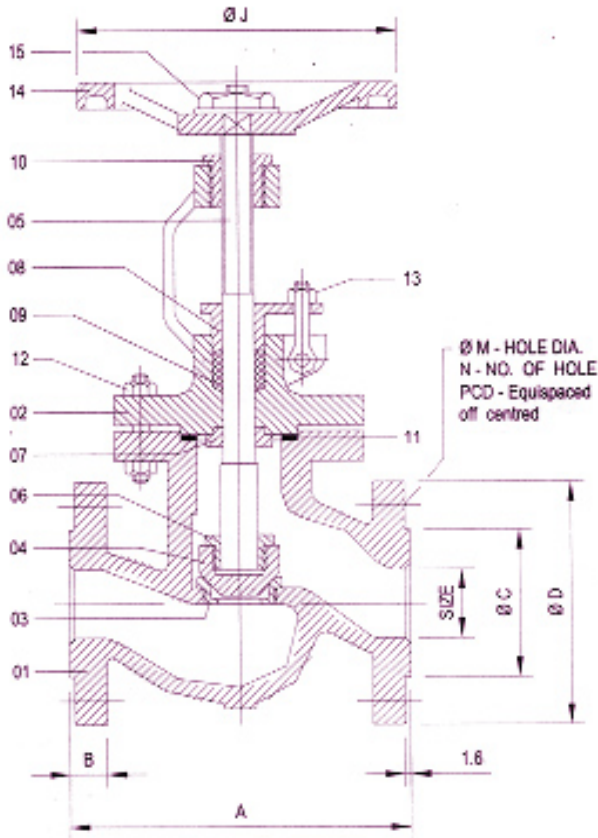


# UNIMAC GLOBE VALVES

Din STD. ND - 16 / ND - 40

## Technical Data

Manufacturing STD	: BS 1873
Testing & Inspection STD	: API 598
Face to Face	: As per Din ND -16/ND -40
End connections	: Flanged as per Din 2533/2543/2535/2545
Shell wall thickness	: ANSI B 16.34



Suitable for : - Steam and Oil

## Hydraulic Test Pressure

STD	BODY	SEAT	AIR
ND 16	32 kg. /cm <sup>2</sup>	16 kg. /cm <sup>2</sup>	6 kg. /cm <sup>2</sup>
	464 PSIG	232 PSIG	80 PSIG
ND 40	80 kg. /cm <sup>2</sup>	40 kg. /cm <sup>2</sup>	6 kg. /cm <sup>2</sup>
	1160 PSIG	580 PSIG	80 PSIG

No.	Description	Material	Qty.
01	Body	ASTM A 216 Gr. WCB / CAST IRON	1
02	Bonnet	ASTM A 216 Gr. WCB / CAST IRON	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	2 set
14	Hand Wheel	Cast Iron	1
15	Hand Wheel Nut	Carbon Steel	1

Size	A	B	øC	øD	øM	N	PCD	ø J
25	161	18	68	115	14	4	85	125
40	199	20	88	150	18	4	110	175
50	231	20	102	165	18	4	125	175
65	291	22	122	185	18	8	145	225
80	309	24	138	200	18	8	160	225
100	351	26	162	235	22	8	190	250
125	401	28	188	270	26	8	220	250
150	481	30	218	300	26	8	260	312
200	599	34	285	375	30	12	320	375
250	729	42	345	450	33	12	385	500

## Primary Service Rating & Test Pressure

ND 16	16 kg / cm <sup>2</sup>	220°C
Nd 40	40 kg / cm <sup>2</sup>	400° C

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