



# INDUSTRIAL VALVES & EQUIPMENTS

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## FACE TO FACE / END TO END DIMENSIONS OF VALVES (in mm)

SIZE (MM-NB)	15	20	25	40	50	65	80	100	125	150	200	250	300
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### FACE TO FACE DIMENSION - (ANSI B 16.10)

#### GATE VALVES (Flanged Ends)

CLASS - 150	108	118	127	165	178	190	203	229	254	267	292	330	356
CLASS - 300	140	152	165	190	216	241	283	305	381	403	419	457	502
CLASS - 600	165	190	216	241	292	330	356	432	508	559	NA	NA	NA

#### GLOBE VALVES (Flanged Ends)

CLASS - 150	108	118	127	165	203	216	241	292	356	406	495	622	698
CLASS - 300	152	178	203	229	267	292	318	356	400	445	559	622	711
CLASS - 600	165	190	216	241	292	330	356	432	508	559	NA	NA	NA

#### SWING CHECK (Flanged Ends)

CLASS - 150	NA	NA	NA	165	203	216	241	292	356	356	495	622	699
CLASS - 300	NA	NA	NA	241	267	292	318	356	400	445	533	622	711
CLASS - 600	NA	NA	NA	241	292	330	356	432	508	559	NA	NA	NA

### BALL VALVES One PC / Two PC / Three PC (Flanged Ends)

CLASS - 150	100	118	127	165	178	190	203	229	NA	267	292	330	356
CLASS - 300	140	152	165	190	216	241	283	305	NA	403	419	457	502

### GLOBE VALVES (Flanged Ends) - DIN STANDARD

CLASS - 150	130	150	160	160	200	290	310	350	400	480	600	730	850
CLASS - 300	130	150	160	160	200	290	310	350	400	480	600	730	850

### END TO END DIMENSIONS - (Socket Weld / Screwed Ends)

BALL VALVES					
THREE PIECE	90	95	100	120	140
ONE PIECE	70	85	95	115	135
FORGED GATE / GLOBE / CHECK VALVES					
CLASS - 800	85	92	104	127	140
SOCKET BORE	27.1	27.1	33.8	48.6	61.1
SOCKET BORE DEPTH	9.5	12.7	12.7	12.7	16

### TEST PROCEDURE : Conforming to API 598 / BS 5146 / DIN STD

RATINGS	TEST PRESSURES :					
	HYDROSTATIC TEST				AIR TEST	
	BODY		SEAT		SEAT	
	PSIG Kg / cm <sup>2</sup> G		PSIG Kg / cm <sup>2</sup> G		PSIG Kg / cm <sup>2</sup> G	
CLASS - 150	450	32	315	22	100	7
CLASS - 300	1125	79	815	57	100	7
CLASS - 600	2225	156	1630	115	100	7
CLASS - 800	3000	211	2000	141	100	7
DIN ND - 16	----	32	----	16	---	7
DIN ND - 40	----	64	----	40	---	7