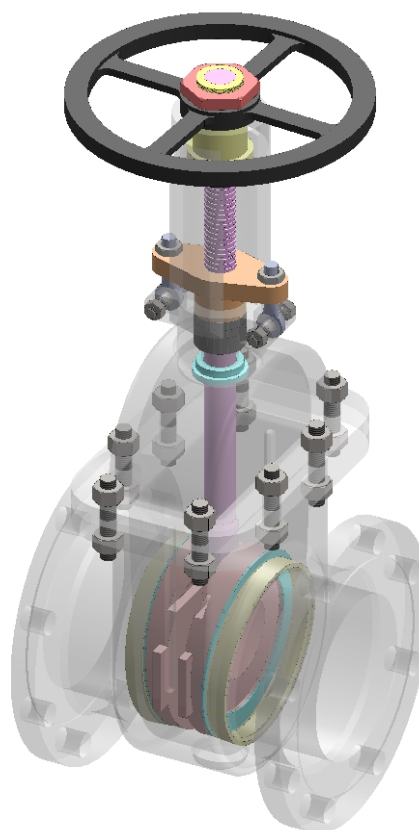
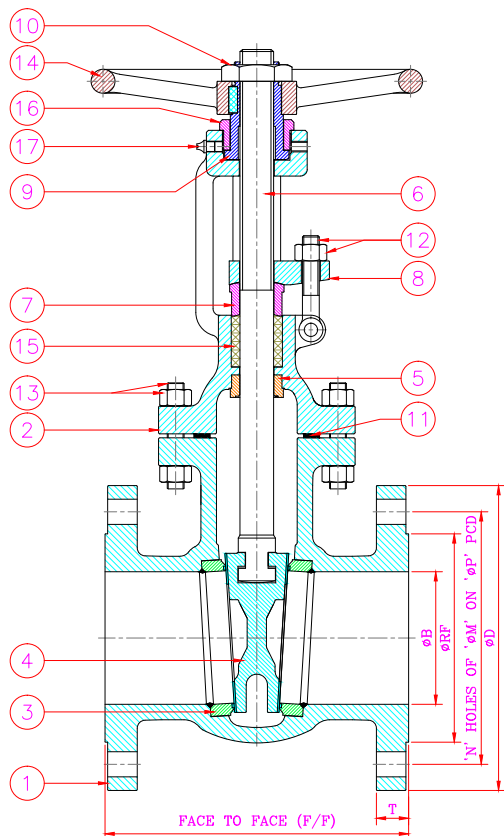


# GATE VALVE



## MATERIAL SPECIFICATION :-

SR. NO.	PART NAME	MATERIAL	QTY.
1	BODY	WCB / LCB / WC6 / WC9/ C5 / C12 / CF8 / CF8M / CF3 / CF3M / CN7M	1 NO.
2	BONNET	WCB / LCB / WC6 / WC9/ C5 / C12 / CF8 / CF8M / CF3 / CF3M / CN7M	1 NO.
3	SEAT RING (INTEGRAL / RENEWABLE)	WCB / CF8 / CF8M / CF3 / CF3M / CN7M / INCONEL (13%Cr FACING OR HF)	2 NO.
4	WEDGE (SOLID / FLEXIBLE)	WCB / CF8 / CF8M / CF3 / CF3M / CN7M / INCONEL (13%Cr FACING OR HF)	1 NO.
5	BACKSEAT	AISI 410 / AISI 304 / AISI 304L / AISI 316 / AISI 316L / ALLOY-20 / INCONEL	1 NO.
6	STEM	AISI 410 / AISI 304 / AISI 304L / AISI 316 / AISI 316L / ALLOY-20 / INCONEL	1 NO.
7	GLAND BUSH	AISI 410 / AISI 304 / AISI 304L / AISI 316 / AISI 316L	1 NO.
8	GLAND FLANGE	CARBON STEEL / AISI 304 / AISI 304L / AISI 316 / AISI 316L	1 NO.
9	YOKE SLEEVE	AISI 4140	1 NO.
10	HANDWHEEL NUT	CARBON STEEL / STAINLESS STEEL	1 NO.
11	GASKET	SS304L / SS316L SPIRAL WOUND WITH GRAPHITE FILLER	1 NO.
12	EYE-BOLT & NUT	CARBON STEEL / STAINLESS STEEL	2 NO.
13	STUD & NUT	A 193 GR. B7 / A 193 GR. B8/B16 / A 320 GR. L7 / A194 GR. 8/4 / A 194 GR. 2H	AS REQ.
14	HAND WHEEL	S.G. IRON / M.I. / FAB. STEEL.	1 NO.
15	GLAND PACKING	GRAPHOIL	AS REQ.
16	YOKE BUSH	AISI 410 / AISI 304 / AISI 304L / AISI 316 / AISI 316L	1 NO.
17	GREASE NIPPLE	CADIUM PLATED	1 NO.

## DIMENSIONS :-

ALL THE DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.

VALVE SIZE		F/F (ASME B16.10)		ASME B 16.5		FLANGE AS PER ASME B 16.5, CLASS 150#					FLANGE AS PER ASME B 16.5, CLASS 300#				
NB	INCH	150#	300#	ØB	ØRF	ØD	T	ØP	ØM	N	ØD	T	ØP	ØM	N
40	1.1/2"	165	190	38	73	127.0	14.2	98.4	16.0	4	155.6	20.6	114.3	22.3	4
50	2"	178	216	50	92	152.4	15.8	120.7	19.0	4	165.1	22.3	127.0	19.1	8
65	2.1/2"	191	241	65	105	177.8	17.4	139.7	19.0	4	190.5	25.4	149.2	22.3	8
80	3"	203	283	75	127	190.5	19.0	152.4	19.0	4	209.5	28.5	168.1	22.3	8
100	4"	229	305	100	157	228.6	23.8	190.5	19.0	8	254.0	31.8	200.1	22.3	8
125	5"	254	381	125	186	254.0	23.8	215.9	22.3	8	279.4	35.0	234.9	22.3	8
150	6"	267	403	150	216	279.4	25.4	241.3	22.3	8	317.5	36.5	269.7	22.3	12
200	8"	292	419	200	270	342.9	28.5	298.5	22.3	8	381.0	41.1	330.2	25.4	12
250	10"	330	457	250	324	406.4	30.2	362.0	25.4	12	444.5	47.7	387.3	28.5	16
300	12"	356	502	300	381	482.6	31.8	431.8	25.4	12	520.7	50.8	450.8	31.8	16
350	14"	381	762	350	413	533.4	35.1	476.2	28.4	12	584.2	54.0	514.3	31.8	20
400	16"	406	838	400	470	596.9	36.5	539.7	28.4	16	647.7	57.2	571.5	34.9	20
450	18"	432	914	450	533	635.0	39.6	577.8	31.7	16	711.0	60.3	628.6	34.9	24
500	20"	457	991	500	584	699.0	42.9	635.0	31.7	20	745.0	63.5	685.8	34.9	24
600	24"	508	1143	600	692	813.0	47.7	749.3	35.0	20	914.0	69.8	812.8	41.3	24

### NOTE:-

1. RAISED FACE HEIGHT IS 2mm
2. WE ALSO OFFER RTJ, BUTT WELD END, ETC & 600#, 1500# & 2500# ON REQUEST