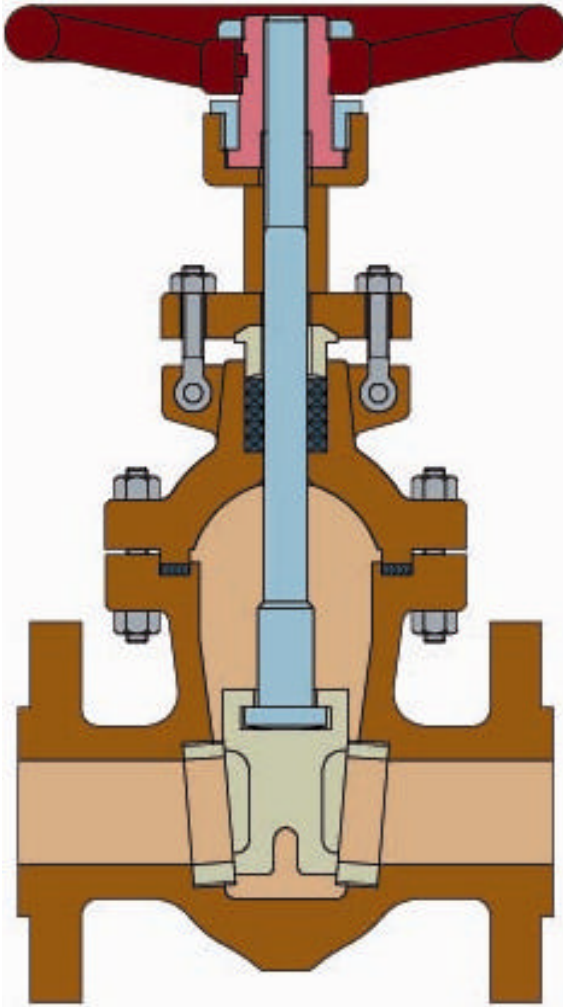


# CAST STEEL GATE VALVE



SR.No.	PARTS	MATERIAL
1	BODY	A-216 Gr. WCB / A-351 Gr. CF8 / CF8M
2	SEAT RING	A-216 Gr. WCB / A351Gr.CF8 / CF8M
3	BONNET	A-216 Gr. WCB / A-351 Gr. CF8 / CF8M
4	STEM	AISI-410 / AISI-304 / 316
5	WEDGE	A-216 Gr. WCB / A-351 Gr. CF8 / CF8M
6	GASKET	SPW. SS-304 + GRAPHITE
7	FASTENERS	A-193 Gr.B7 / A-194 Gr. 2H / A-193 Gr.B8 / A-194 Gr. 8
8	PACKING	GRAPHITE
9	GLAND BUSH	AISI-410/AISI-304 / 316
10	GLAND FLANGE	CARBON STEEL / AISI-304 / 316
11	HAND WHEEL	C.S. FABRICATED
12	CYLINDER	AISI-410 / A-216 Gr
13	HAND WHEEL NUT	CARBON STEEL / AISI-304 / 316
14	YOKE SLEEVE	Ni.RESIST

## TECHNICAL DATA

- Face to Face as per ANSI -B- 16.10
  - Flange End as per ANSI -B- 16.5
  - Valve Designed to API - 600 / BS - 1414
  - Valve Tested to API - 598 / BS - 5146
- OPTIONAL
- Geared Actuators
  - Pnuematic Actuators
  - Electric Actuators

TEST PRESSURE	150 #	300 #
BODY (HYDRO)	32 Kg/cm2	76 Kg/cm2
SEAT (HYDRO)	23 Kg/cm2	55 Kg/cm2
SEAT (AIR)	07 Kg/cm2	07 Kg/cm2

## CLASS : 150

SIZE - NB (MM)	15	20	25	40	50	80	100	150	200	250	300	350	400
FACE TO FACE	108	118	127	165	178	203	229	267	292	330	356	381	406
FLANGE DIAMETER	89	99	108	127	152	191	229	279	343	406	483	533	597
FLANGE THICKNESS	11	13	14.5	18	19	25	25	26	29	30	32	35	37
RAISED FACE DIAMETER	35	43	51	73	92	127	157	216	270	324	381	413	470
RAISED FACE THICKNESS	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
FLANGE P.C.D.	60	70	79	98	121	152	191	241	299	362	432	476	540
No.of HOLES / HOLE DIA.	4/16	4/16	4/16	4/16	4/19	4/19	8/19	8/22	8/22	12/25	12/25	12/28	16/28

## CLASS : 300

SIZE - NB (MM)	15	20	25	40	50	80	100	150	200	250	300	350	400
FACE TO FACE	140	153	165	191	216	283	305	403	419	457	502	762	838
FLANGE DIAMETER	96	118	124	156	165	210	254	318	381	446	521	584	648
FLANGE THICKNESS	14	16	18	21	22	29	32	37	41	16	16	20	20
RAISED FACE DIAMETER	35	43	51	73	92	127	157	216	270	324	381	413	470
RAISED FACE THICKNESS	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
FLANGE P.C.D.	67	83	89	114	127	168	200	270	330	387	451	514	572
No.of HOLES / HOLE DIA.	4/16	4/19	4/19	4/22	8/19	8/22	8/22	12/22	12/25	16/28	16/32	20/32	20/35