



GATE VALVE (CAST FLANGED)

We, "Flow-Tech" are a leading manufacturer and Exporters of FORGED GATE VALVE. We have a wide range of FORGED GATE VALVE in A 105, F304, F316 and many more other metals on request. "Flow-Tech" FORGED GATE VALVE mainly Used in Process Industries and High Pressure Application in Industries.

"Flow-Tech" FORGED GATE VALVE design is developed with following and using international Standard for having an International Competency with Global Manufacturers.

We "Flow-Tech" follow an international standards and designs to get 100% superior quality with workmanship & service to maintain trust of our Clients and repeat order



TECHNICAL DETAIL

DESIGN TYPE	BOLTED BONNET OS & Y TYPE RISING STEM PRESSURE SEAL BONNET
MFG. STANDARD	API 600 / BS 1414 / AP16D
TESTING STANDARD	API 598 / AP16D / Bs6364
FACE TO FACE DIMENSIONS	ASME B 16.10
FLANGE STANDARD	ASME B 16.5
BUTT WELD END STANDARD	ASME B 16.25
PRESSURE & TEMPERATURE RATING	ASME B 16.34
PRESSURE CLASS	150#, 300#, 600#, 900#, 1500#, PN10, PN16, PN25, PN40
VALVE SIZE	1/2" To 40" (15 mm TO 1000 mm)
END CONNECTIONS	FLANGED / BUTT WELD
FLANGE DRILLING	150#, 300#, 600#, 900#, 1500#, PN10, PN16, PN25, PN40, BS 10 TABLED / E / F / H
MATERIAL OF CONSTRUCTION	CITIOIS 210GR.FG200 ASTMA 216 GR.WCB ASTMA 217 GR.WC6 / WC9 / CA15 ASTMA 351 GR.CF8 / CF8M / CF3 / CF3M / CD4MCu ASTMA 352 GR.LCB
OPERATIONS	HAND WHEEL / GEAR / PNEUMATIC / ELECTRICAL ACTUATOR

FACE TO FACE DIMENSIONS (FLANGED)

INCH	MM	150#	300#	600#
1/2"	15	108.0	140.0	165.0
3/4"	20	117.5	152.5	190.5
1"	25	127.0	165.0	216.0
1 1/4"	32	140.0	178.0	229.0
1 1/2"	40	165.0	190.0	241.0
2"	50	178.0	216.0	292.0
2.5"	65	190.0	241.0	330.0
3"	80	203.0	282.5	355.5
4"	100	229.0	305.0	432.0
5"	125	254.0	381.0	508.0
6"	150	267.0	403.0	559.0
8"	200	292.0	419.0	660.0
10"	250	330.0	457.0	787.0
12"	300	356.0	501.5	838.0

TEST PRESSURE

CLASS	BODY HYDRO		SEAT HYDRO TEST		BACK SEAT TEST		AIR TEST	
	PSIG	KG/CM2	PSIG	KG/CM2	PSIG	KG/CM	PSIG	KG/CM
800#	450	32	315	22	315	22	100	7
1500#	1125	79	825	58	825	58	100	7
2500#	2225	156	1640	115	1640	115	100	7

*Pressure Testing Time Will be 15 Sec. *Test With Water only.