

# Gate Valve

## Product Range For Cast And Forged Gate Valves

Valve Type	Class Rating	Size Range	Shell Material As Per Specification
Gate	150#	1/2" to 72"	ASTM A216 Gr. WCB - ASTM A217 Gr. WC1
Gate	300#	2" to 48"	ASTM A217 Gr. WC6 - ASTM A217 Gr. WC9
Gate	600#	2" to 42"	ASTM A217 Gr. C5 - ASTM A217 Gr. C12
Gate	800#	1/2" to 2"	ASTM A351 Gr. CF8 - ASTM A351 Gr. CF3
Gate - PRESSURE SEAL	900#	1/2" to 24"	ASTM A351 Gr. CF8M - ASTM A351 Gr. CF3M
Gate - PRESSURE SEAL	1500#	1/2" to 24"	ASTM A351 Gr. CN7M - ASTM A351 Gr. CF8C
Gate - PRESSURE SEAL	2500#	1/2" to 12"	ASTM A351 Gr. CD4Mcu - ASTM A351 Gr. CK3MCuN
Gate - CRYOGENIC	150#	2" to 36"	ASTM A352 Gr. LCA - ASTM A352 Gr. LCB
Gate - CRYOGENIC	300#	2" to 36"	ASTM A352 Gr. LCC - ASTM A494 Gr. CW6MC
Gate - CRYOGENIC	600#	2" to 24"	ASTM A494 Gr. CW2M - ASTM A494 Gr. CW2M
Gate - CRYOGENIC	600#	2" to 24"	ASTM A494 Gr. CY40 - ASTM A494 Gr. CU5MCuC ASTM A995 Gr. 1A - ASTM A995 Gr. 4A ASTM A995 Gr. 5A - ASTM A995 Gr. 6A NACE malt. Grade to NACE MR0175/NACE MR

Valves can be supplied with actuator, pad lock and other accessories like limit switch, position indicator, solenoid valve as per requirement

Stem extension, Underground service features are available

Design standard upto 24" IS API 600 and above 24" IS BS 1414

## STANDARDS



### DESIGN STANDARD

API 600/BS1414



### TESTING STANDARD

API 598/BS EN 12266-1



### FACE TO FACE

ASME B 16.10

## VALVE OPERATION HANDWHEEL

2" – 10" - Class 150, 300, 600

2" – 4" - Class 900 & 1500

## GEAR OPERATOR

12" & Above - Class 150, 300, 600

6" & Above - Class 900, 1500



# MATERIAL

	End Connection	Flanged End Raised Face, Butt Weld End, RTJ, ETC
STRUCTURE	Operation	Hand wheel, Gear Operator, Electrical Actuator, Pneumatic, Hydraulic
MATERIAL	Shell	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu,  Hastelloy, Inconel, Duplex Stainless Steel, 13% Cr Steel, 304, 304L, 316, 316L, 321, 347, F51, Monel
	Trim	13% Cr Steel, 304, 304L, 316, 316L, 321, 347, F51, Monel