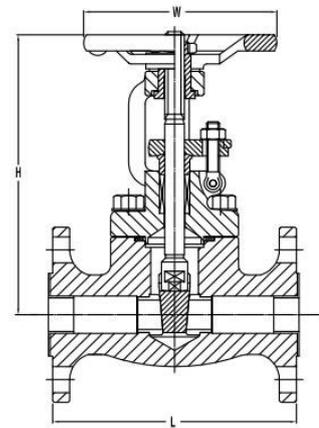


FORGED STEEL GATE VALVE CLASS 150/300



DESIGN SPECIFICATIONS

Design	ANSI B16.34/API 602
Test	API 598
Connection	ANSI B16.5
Flange Drilling	ANSI 150/300



PART NAME	STANDARD	NACE	LOW TEMP. NACE
Body	A105	A105	LF2
Bonnet	A105	A105	LF2
Stem	F6	F6	316
Disc	F6	F6	316
Seat Ring	F6-HFS	316-HFS	
Bonnet Bolt	B7	B7M	L7M
Gasket	304 + Graphite		316 + Graphite
	316 Soft Steel Ring (Class 2500)		
Gland	F6	316	316
Packing	Graphite		
Gland Flange	WCB		
Gland Bolt	B7	B7M	L7M
Gland Bolt Nut	2H	2HM	2HM
Gland Bolt Pin	410	410	304
Sleeve	410		
Sleeve Washer	410		
Hand wheel	AI97		
Nameplate	Aluminum		
Hand wheel Nut	A 108-1020		

DIMENSIONS & WEIGHTS – CLASS 150

	15(½")	20(¾")	25(1 ")	32(1¼")	40(1½")	50(2")
Nominal Diameter (REDUCED PORT)	15(½")	20(¾")	25(1 ")	32(1¼")	40(1½")	50(2")
Nominal Diameter (FULL PORT)		15(½")	20(¾")	25(1")	32(1¼")	40(1½")
d (mm)						
L (mm)	108	117.5	127		165	178
H (Open, mm)	175	182	212		255	290
W(mm)	88	88	97		138	138
Weight (kg)	2.9	3.7	5.2		9.6	13.2

DIMENSIONS & WEIGHTS – CLASS 300

	15(½")	20(¾")	25(1 ")	32(1¼")	40(1½")	50(2")
Nominal Diameter (REDUCED PORT)	15(½")	20(¾")	25(1 ")	32(1¼")	40(1½")	50(2")
Nominal Diameter (FULL PORT)		15(½")	20(¾")	25(1")	32(1¼")	40(1½")
d (mm)						
L (mm)	140	152.5	165		191	216
H (Open, mm)	175	182	212		265	290
W(mm)	88	88	97		138	138
Weight (kg)	3.6	5.2	6.7		13.0	15.3