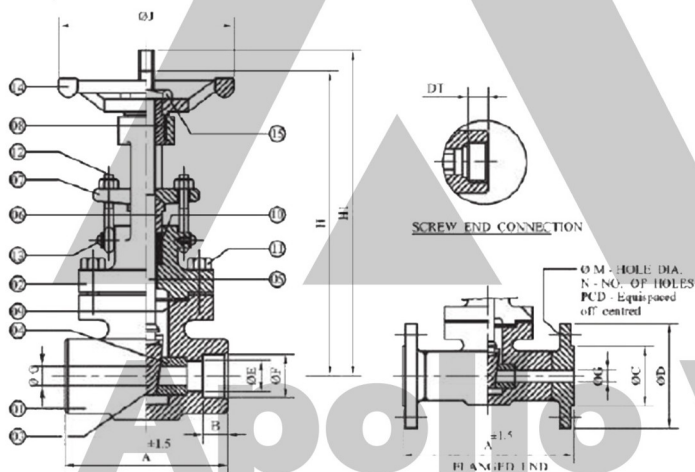


FORGED STEEL GATE VALVE (800#)

“Apollo” make forged steel gate valves are compact, sturdy & ideal for high pressure & high temperature applications. These valves are outside screw & yoke type (os & y) with rising stem & non-rising handwheel. These valves shall be bolted bonnet or welded bonnet type with full or standard bore options



NO	DESCRIPTION	MATERIAL	QTY.
01	BODY	FORGE STEEL A105/F304/F316	1
02	BONNET	FORGE STEEL A 105 / F304 / F 316	1
03	WEDGE	AISI 304 / AISI 316 / 13% CR. S.S.	1
04	SEAT RING	AISI 304 / AISI 316 13% CR. S.S.	2
05	STEM	AISI 304 / AISI 316 / AISI 410	1
06	GLAND BUSH	AISI 304 / AISI 316 / AISI 410	1
07	GLAND FLANGE	ASTM A 105	1
08	YOKE SLEEVE	SGI	1
09	BONNET GASKET	SPIRAL WOUND S.S. 304 WITH CAF	1
10	GLAND PACKING	S.S. METAL WIRE BRAIDED ASBESTOS	—
11	BONNET STUD & NUT	ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H	4 SET
12	EYE BOLT & NUT	FORGED C.S.	2 SET
13	SCREW & WASHER	M.S. GALVANISED	2 SET
14	HAND WHEEL	CAST IRON / C.S.	1
15	HAND WHEEL NUT	CARBON STEEL	1

TECHNICAL DATA	
DESIGN & MANUFACTURING STD.	API 602
TESTING & INSPECTION STD.	API 598
SOCKET WELD AND THREADED TO:	ANSI B 16.11 / ANSI B 1.20.1
FLANGED TO :	ANSI B 16.5
FLANGE TO FLANGE DISTANCE :	ANSI B 16.10

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESSURE	TEMP.	HYD. TEST PRESSURE BODY	SEAT
800		300°C	3000 PSIG	2000 PSIG

SIZE		SCREWED / SOCKET WELD								
IN	MM	A	B	ØE	ØF	ØG	H	HI	DT	ØJ
1/2"	15	85	10	13	22.0	9.0	154	174	13	94
3/4"	20	90	13	15	27.5	14.0	160	185	13	94
1"	25	105	13	22	34.0	18.0	168	198	15	98
1.1/2"	40	128	13	36	48.6	32.0	231	274	25	142
2"	50	142	16	45	61.1	42.0	242	287	25	142

SIZE		CLASS - 150							
IN	MM	A	ØC	ØD	ØG	ØM	N	PCD	
1/2"	15	108	35	89	11	16	4	60.4	
3/4"	20	118	43	98	13	16	4	70.0	
1"	25	127	51	108	14	16	4	79.0	
1.1/2"	40	165	73	127	14	16	4	98.5	
2"	50	178	92	152	16	19	4	120.6	