



'Fluid control' the Complete solution from one source !

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FORGED STEEL GATE VALVE SCREWED ENDS OR SOCKET WELD ENDS

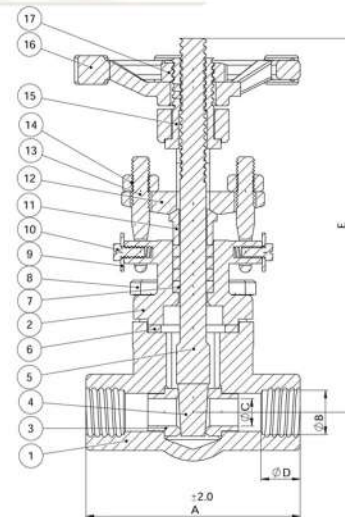
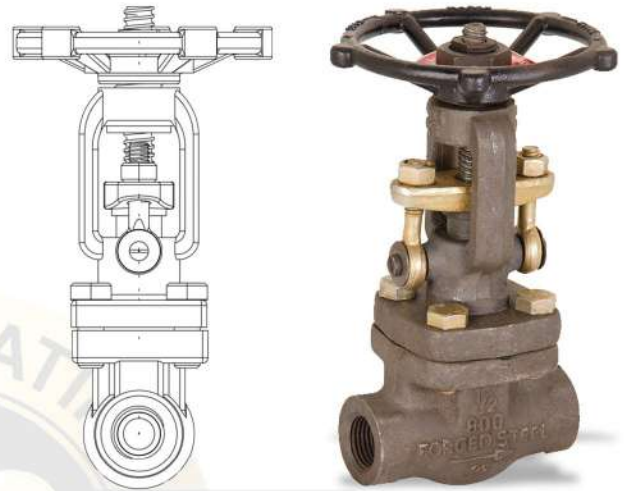
DESIGN STANDARD

MFG STD: API 602

INSP STD: API 598

BILL OF MATERIAL			
PART NO	PART NAME	Material	Qty.
01	Body	ASTM. A105	1
02	Bonnet	ASTM. A105	1
03	Seat	S.S 410	2
04	Wedge	S.S 410	1
05	Stem	S.S 410	1
06	Gasket	S.S316L SPIRAL WOUND WITH GRAPHITE FILLER	1
07	Graphoil Ring	GRAPHITE	4
08	Bolt	ASTM A193.GR.B7	4
09	Washer	CARBON STEEL	2
10	Rivet	CARBON STEEL	2
11	Gland	S.S 410	1
12	Gland Flange	CARBON STEEL	1
13	Eye Bolt	CARBON STEEL	2
14	Eye Bolt-nut	CARBON STEEL	2
15	Stemnut	CARBON STEEL	1
16	Handwheel	CARBON STEEL	1
17	Locknut	CARBON STEEL	1

SIZE	A	ØB	ØC	D	E
1/2"	90	BSP (F)	11.5	14	157
3/4"	93	BSP (F)	13.5	14.5	161
1"	108	BSP (F)	18.5	17	170
1 1/4"	128	BSP (F)	26	17.5	235
1 1/2"	128	BSP (F)	30	17.5	243
2"	145	BSP (F)	38	18	248



HYDRO TEST		PNEUMATIC TEST
BODY	SEAT & BACKSEAT	SEAT
211 kg/cm2	141 kg/cm2	7 kg/cm2

