



BILL OF MATERIALS			
15	Handwheel	A197	A197
14	Locking nut	Steel	Steel
13	Stem nut	A276 410	A276 410
12	Nut	A194 8	A194 2H
11	Gland eyebolt	A193 B8	A193 B7
10	Gland flange	AISI 316	A105
9	Gland	A276 304	A276 420
8	Packing	Graphite	Graphite
7	Bolt	A193 B8(M)	A193 B7(M)
6	Bonnet	A182 F316(L)	A105
5	Gasket	316SS+Graphite	316SS+Graphite
4	Stem	A182 F316L	A182 F6a
3	Wedge	A182 F316(L)+STL	A182 F6a+STL
2	Seat	A182 F316(L)+STL	A276 420+STL
1	Body	A182 F316L	A105
NO.	Part Name	Materials	Materials

NB	DN	A	B	C	D	E	F	G	Wgt
1/2"	15	165	34.9	66.7	14.5	159	10	100	4
3/4"	20	190	42.9	82.5	16	163	14	100	5.2
1"	25	216	50.8	88.9	17.5	201	18	125	7.5
1 1/4"	32	229	63.5	98.4	21	221	22	160	12.5
1 1/2"	40	241	73.0	114.3	22.5	248	29	160	14.5
2"	50	292	92.1	127	25.5	283	36	180	18.8

Materials available on request: Stainless steel all grades; Duplex & Super Duplex; Chrome-moly; Inconel; Monel;

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DESIGN CODE	API 602/ANSI B16.34	TEST PRESSURES		
FACE TO FACE DIMENSIONS	ANSI B 16.10	BODY	153.00	Barg
ENDS FLANGES DIMENSIONS	ASME B16.5	SEAT	112.00	Barg
TESTING CODE	API 598	BACKSEAT	112.00	Barg
		AIR - SEAT	6.0	Barg

REV	DATE	DESCRIPTION	BY	CHK	APP	SCALE:		
-	-	-				DRAWN	DM	DATE-07.12.10
						CHECKED	SMN	DATE
						APPROVED	AW	DATE

DRAWING TITLE:
API FORGED CLASS 600
BOLTED BONNET, RF, GATE VALVES

CLIENT: .

VENDOR PO REF: .

EVC REF: .

CAD. No. DRAWING NUMBER: 120175 REV 00

AREA No. FACILITY TYPE SEQ. No. SHT. No.