



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

*: Seat integral

NB	DN	A	B	C	D	E	F	G	Wgt
1/2"	15	165	34.9	95	14.3	148	9	80	3.6
3/4"	20	190	42.9	117	15.9	156	12.5	80	5.1
1"	25	216	50.8	124	17.5	182	17.5	100	7.8
1 1/4"	32	229	63.5	133	20.6	212	22	120	13.1
1 1/2"	40	241	73.0	156	22.2	240	28	140	14.2
2"	50	292	92.1	165	25.4	300	33	140	19.4

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	153.15	Barg
ENDS FLANGES DIMENSIONS	ASME B16.5	SEAT	112.31	Barg
TESTING CODE	API 598	BACKSEAT	112.31	Barg
		AIR - SEAT	6.0	Barg

REV	DATE	DESCRIPTION	BY	CHK	APP	SCALE:		
01	10/05/2010	Addition of RTJ flange dims				DRAWN	DM	DATE
						CHECKED	SMN	DATE
						APPROVED	AW	DATE

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

CLIENT: .

VENDOR PO REF: .

EVC REF: .

CAD. No. DRAWING NUMBER: 120161 REV 00

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