



BILL OF 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	D	C	E	F	G	Wgt
1/2"	15	80	32	7	21.7	148	10	80	1.8
3/4"	20	90	38	9	27.1	156	13	80	2.1
1"	25	110	48	12.5	33.8	182	14	100	3.6
1 1/2"	40	127	65	28	48.6	240	14	120	7.8
2"	50	130	78	34	61.1	250	16	140	10.6

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DESIGN CODE	API 602/ANSI B16.34	TEST PRESSURES		
FACE TO FACE DIMENSIONS	Manu's Std	BODY	211.00	Barg
ENDS/FLANGES DIMENSIONS	ASME B16.11/B.20.1	SEAT	155.00	Barg
TESTING CODE	API 598	BACKSEAT	155.00	Barg
		AIR - SEAT	6.0	Barg

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

DRAWING TITLE:  
 API FORGED CLASS 800  
 BOLTED BONNET, SW/NPT, GLOBE VALVES

CLIENT: .

VENDOR PO REF: .

EVC REF: .

CAD. No. DRAWING NUMBER: 120168 REV 00

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