



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

Options in brackets (-) dependant on written offer

NB	DN	A	B	D	C	E	F	G	Wgt
1/2"	15	80	13.8	10	21.7	131	10	80	1.8
3/4"	20	90	18.85	14	27.1	137	13	80	2.1
1"	25	110	24.3	18	33.8	161	14	100	3.6
1 1/2"	40	127	38.1	31	48.6	212	14	120	7.0
2"	50	130	49.25	42.8	61.1	228	16	140	9.1

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: 29/09/11
						CHECKED	SMN	DATE
						APPROVED	AW	DATE

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

CLIENT: .

VENDOR PO REF: .

EVC REF: .

CAD. No. | DRAWING NUMBER: 120169 | REV 00

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

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