



BILL OF MATERIALS					
NO.	Part Name	Materials	Notes	Materials	Notes
14	Handwheel	A197		A197	
13	Locking nut	Steel		Steel	
12	Stem nut	A276 410		A276 410	
11	Nut	A194 87	4	A194 2H	4
10	Gland eyebolt	A193 B7	4	A193 B7	4
9	Gland flange	AISI 316	5	A105	
8	Gland	A276 304	5	A276 420	
7	Packing	Graphite		Graphite	
6	Bolt	A193 B7	4	A193 B7(M)	4
5	Bonnet	A182 F316	5	A105/A350 LF2	
4	Gasket	316SS+Graphite		316SS+Graphite	
3	Stem	A182 F316	5	A182 F6a	
2	Disc	A182 F316	1,5	A182 F6a	1,2,3
1	Body+Seat*	A182 F316	1,5	A105/A350 LF2	1,2,3

*: Seat integral

- Notes: available extras
1. Stellite overlay
 2. 316 overlay
 3. 13% Chrome alloy overlay
 4. NACE bolting
 5. 316L materials

NB	DN	A	B	C	D	E	F	G	Wgt
1/2"	15	92	38	21.7	10	169	10	100	1.8
3/4"	20	111	48	27.1	13	212	13	125	2.1
1"	25	120	56	33.8	17	235	14	160	3.6
1 1/2"	40	172	78	48.6	27	300	14	180	7.8
2"	50	220	84	61.1	33	343	16	200	10.6

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: 10/01/12
						CHECKED	SMN	DATE
						APPROVED	AW	DATE

Materials available include: Duplex & Super Duplex
Monel, Inconel, Chrome-moly

DRAWING TITLE:
API FORGED CLASS 1500
BOLTED BONNET, SW/NPT, GLOBE VALVES

CLIENT: .
VENDOR PO REF: .
EVC REF: .



CAD. No. DRAWING NUMBER: 120168-03 REV 00
AREA No. FACILITY TYPE SEQ. No. SHT. No.

MATERIALS TO NACE MR0175 LATEST EDITION (WETTED PARTS).