



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	108	60.3	89	11.5	183	10	100	3.3
3/4"	20	117	69.8	99	13	186	13	100	4
1"	25	127	79.4	108	14.5	231	18	125	5.6
1 1/4"	32	140	88.9	117	16	235	23	160	7
1 1/2"	40	165	98.4	127	17.5	267	27	160	8.5
2"	50	203	120.6	152	19.5	300	33	180	17.5

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

REV	DATE	DESCRIPTION	BY	CHK	APP	SCALE:		
-	-	-				DRAWN	DM	DATE: 08/12/10
						CHECKED	SMN	DATE
						APPROVED	AW	DATE

DESIGN CODE	API 602/ANSI B16.34	TEST PRESSURES		
FACE TO FACE DIMENSIONS	ANSI B 16.10	BODY	30.0	Barg
ENDS FLANGES DIMENSIONS	ASME B16.5	SEAT	22.0	Barg
TESTING CODE	API 598	BACKSEAT	22.0	Barg
		AIR - SEAT	6.0	Barg

DRAWING TITLE:
API FORGED, CLASS 150
BOLTED BONNET, RF, GLOBE VALVES

CLIENT: .

VENDOR PO REF: .

EVC REF: .

CAD. No. DRAWING NUMBER: 120179 REV 00

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

MATERIALS TO MAKE MRQ175 LATEST EDITION (WETTED PARTS)
 All drawings are subject to copyright, reproduction only with express permission of Edmund Valve Company (1965) Ltd. Subject to updating and revision. All Edmund valves drawings are product specific, it is the clients responsibility to ensure suitability for service. Materials, design and dimensions subject to contract.