



LIST OF PARTS

ITEM	DESCRIPTION	QTY.	MATERIAL	SPECIFICATION
1	BODY	1	FORGED CARBON STEEL, PHOSPHATED	ASTM A105
2	BONNET	1	FORGED CARBON STEEL, PHOSPHATED	ASTM A105
3	HANDWHEEL	1	MALLEABLE IRON PAINTED BLUE	ASTM A47
4	STEM	1	410 STAINLESS STEEL	ASTM A276
5	WEDGE	1	420 STAINLESS STEEL	ASTM A743 GRADE CA-40
6	YOKE NUT	1	416 STAINLESS STEEL	ASTM A582
7	SEAT RING	2	410 STAINLESS WITH STELLITE FACE +	ASTM A276
8	GASKET	1	AISI 304 WITH GRAPHITE FILLER	API 602
9	CAPSCREW	4	ALLOY STEEL	ASTM A193 GRADE B7
10	GLAND FLANGE	1	FORGED CARBON STEEL, PHOSPHATED	ASTM A105
11	PACKING RINGS	4	DIE FORMED GRAPHITE	API 602 (ASBESTOS FREE)
12	PACKING END RINGS	2	BRAIDED GRAPHITE	
13	GLAND BUSHING	1	CARBON STEEL POWDERED METAL	ASTM B783 Gr F-0008-30
14	NAMEPLATE	1	ALUMINUM	COMMERCIAL (BLUE = 13Cr Trim)
15	LOCKWASHER	1	SPRING STEEL	COMMERCIAL
16	HANDWHEEL NUT	1	CARBON STEEL	COMMERCIAL
17	THRUST WASHER	1	STAINLESS STEEL	AISI 410
18	EYEBOLT	2	410 STAINLESS STEEL	AISI 410
19	EYEBOLT SCREW	2	PLATED CARBON STEEL	COMMERCIAL
19	EYEBOLT NUT	2	304 STAINLESS STEEL	AISI 304

+ 1/4" SEAT RINGS ARE NOT HARDFACED

DIMENSIONAL DATA

SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"
A	4.00	4.00	4.00	5.50	6.625	7.375
B	4.25	4.625	5.00	6.50	7.00	8.00
C	7.00	7.125	7.625	9.060	11.063	13.625
D	.390	.500	.750	1.188	1.50	2.00
E	3.50	3.875	4.25	5.00	6.00	7.50
F	1.375	1.688	2.00	2.875	3.625	5.00
G	4	4	4	4	4	4
H	2.375	2.75	3.125	3.875	4.75	6.00
I	.625	.625	.625	.625	.75	.75
J	6.50	9.00	9.75	18.25	33.50	54.0

NOTES

1. VALVE COMPLIES WITH API 602
2. DESIGN AND PRESSURE/TEMPERATURE RATING TO ASME/ANSI B16.34

TITLE		FIGURE 0815	
D.S.&Y. CLASS 150 FLANGE END BOLTED BONNET, GATE VALVE, STD. PORT			
SIZE A	DRAWING NO. 0815 □□□□*	REV. 0	