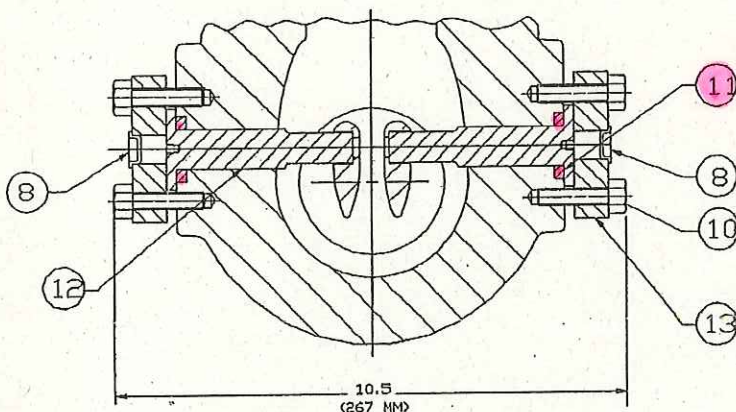


# PARTS LIST QUANTITIES ARE FOR ONE VALVE ONLY

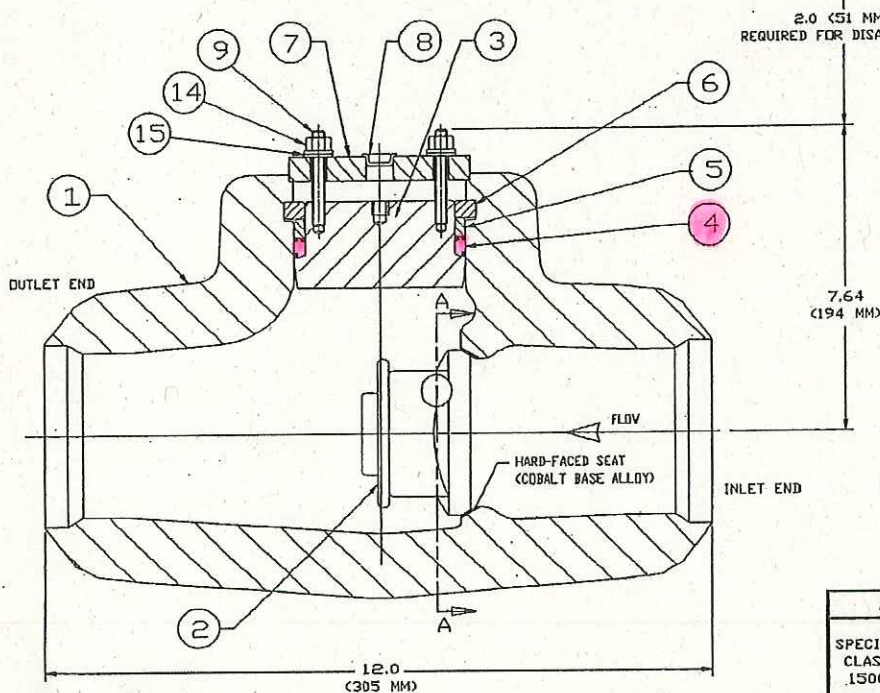
WHERE A.S.T.M. ARE INDICATED THE LATEST REVISION APPLIES

| PIECE NO. | NAME                 | QTY | MATERIAL            | SPECIFICATION          | RMC         | COMMENTS |
|-----------|----------------------|-----|---------------------|------------------------|-------------|----------|
| 1         | BODY                 | 1   | CAST CARBON STEEL   | ASTM A-216 GR WCB      | 01021       |          |
| 2         | DISK                 | 1   | COBALT BASE CASTING | ASTM A-732 GR 21       | 04832       |          |
| 3         | PRESSURE SEAL COVER  | 1   | FORGED CARBON STEEL | ASTM A-105             | 01111       |          |
| 4         | PRESSURE SEAL GASKET | 1   | FLEXIBLE GRAPHITE   |                        | 18367       |          |
| 5         | SPACER RING          | 1   | ALLOY STEEL - CD PL | ASTM A-331 GR 4140 HT  | 02360/06040 |          |
| 6         | GASKET RETAINER      | 1   | STAINLESS STEEL     | ASTM A-182 GR F6A Q. 4 | 02161       |          |
| 7         | COVER RETAINER       | 1   | CARBON STEEL        | ASTM A-108 GR 1117 CF  | 01230       |          |
| 8         | PROTECTOR            | 3   | PLAIN CARBON STEEL  | COMMON STEEL           | 50019       |          |
| 9         | STUD FT              | 3   | ALLOY STEEL         | ASTM A-193 GR B7       | 20003       |          |
| 10        | HEX HD CAP SCREW     | 6   | ALLOY STEEL         | ASTM A-193 GR B7       | 20003       |          |
| 11        | HINGE PIN GASKET     | 2   | FLEXITALLIC FLEXITE | FLEXITE SUPER          | 50306       |          |
| 12        | HINGE PIN            | 2   | STAINLESS STEEL     | ASTM A-182 GR F6A Q. 4 | 02161       |          |
| 13        | HINGE PIN RETAINER   | 2   | CARBON STEEL        | ASTM A-105             | 01111       |          |
| 14        | HVY HEX NUT          | 3   | ALLOY STEEL         | ASTM A-194 GR 2H       | 01270       |          |
| 15        | BELLEVILLE WASHER    | 6   | HIGH CARBON STEEL   | AMS 5528 SPRING        | 01430       |          |

8V-469  
ボイラ水張逆止弁



SECTION A-A



2.0 (51 MM)  
REQUIRED FOR DISASSEMBLY

7.64  
(194 MM)

TOTAL VALVE WEIGHT: 120 LBS  
(54 KGS)

Cv = 225

WELDING ENDS: PER SHEET 2 OF 2.

Customer Name: MITSUBISHI HEAVY INDUSTRIES AMERICA, INC.  
Customer P.O.: 00111AIAK31949  
USER NAME: COSMO OIL CO. YOKKAICHI  
LOCATION: KASUMI POWER STATION

|                                                                                  |                                                                        |              |        |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------|--------|
| ANSI B16.34 - SERVICE RATINGS                                                    |                                                                        |              |        |
| SPECIAL CLASS 1500                                                               | CAST CARBON STEEL GRADE WCB<br>3750 PSIG AT 100°F<br>258.6 BAR AT 38°C |              |        |
| <b>Edward Vogt Valve Company</b>                                                 |                                                                        |              |        |
| CAST STEEL HORIZONTAL & VERTICAL<br>TILTING DISK CHECK VALVE<br>GENERAL ASSEMBLY |                                                                        |              |        |
| SIZE 5x4x5                                                                       |                                                                        | FIG. B2070BY |        |
| SIZE D                                                                           | DWG NO. 01-90463-58                                                    | REV. 1       | REV. 2 |
| MHI ORDER NO. 00013                                                              |                                                                        | P. 93        |        |
| DWG. NO. 89000-2R03-1                                                            |                                                                        |              |        |

| REV | NO. | DATE     | BY  | CHK'D    | DATE | APV'D | DATE |
|-----|-----|----------|-----|----------|------|-------|------|
| 0   | 0   | 07/12/01 | JZJ | 08/27/01 |      |       |      |

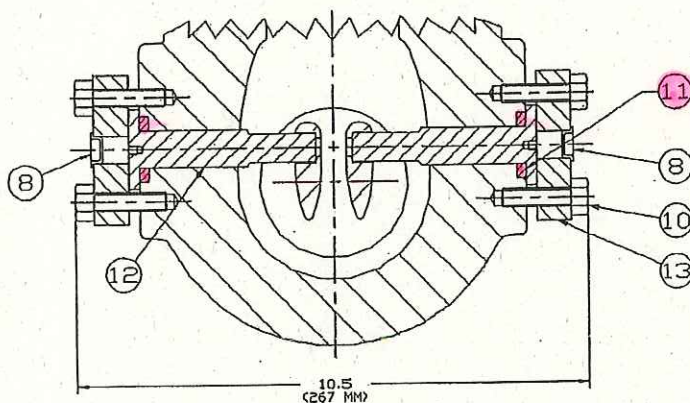


# PARTS LIST QUANTITIES ARE FOR ONE VALVE ONLY

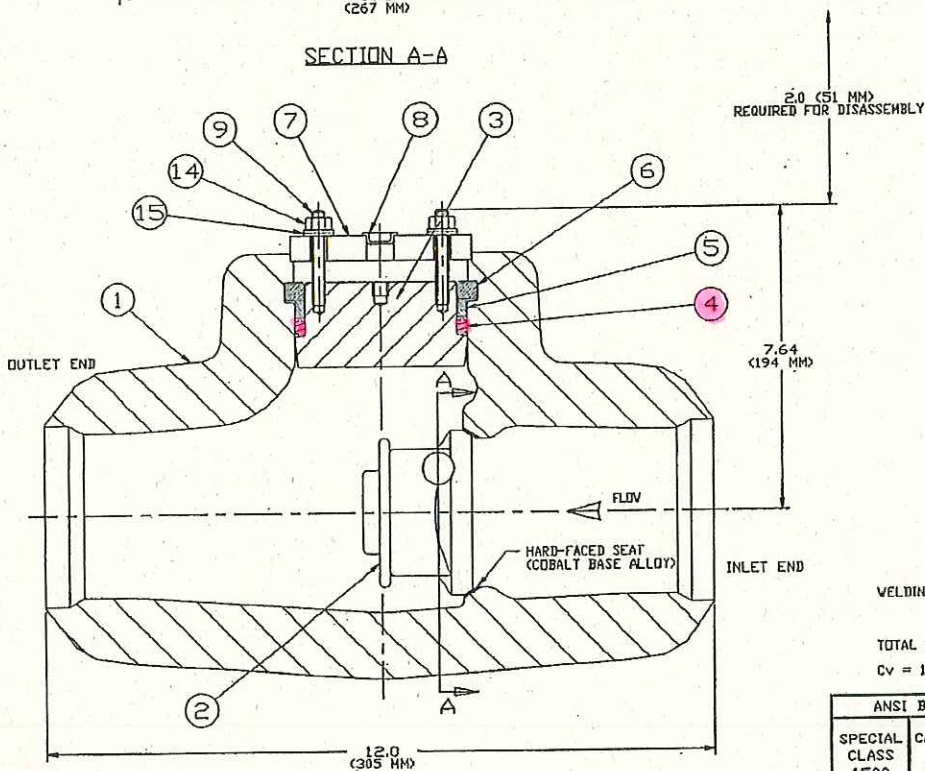
WHERE ASTM IS INDICATED, THE LATEST REVISION APPLIES.

| NO. | NAME                 | NO. REQ'D | MATERIAL               | SPECIFICATION          | RMC NO.     | COMMENTS              |
|-----|----------------------|-----------|------------------------|------------------------|-------------|-----------------------|
| 1   | BODY                 | 1         | CARBON STEEL           | ASTM A-216 GR VCB      | 01021       |                       |
| 2   | DISK                 | 1         | COBALT BASE CASTING    | ASTM A-732 GR 21       | 04832       |                       |
| 3   | PRESSURE SEAL COVER  | 1         | CARBON STEEL           | ASTM A-105             | 01111       |                       |
| 4   | PRESSURE SEAL GASKET | 1         | FLEXIBLE GRAPHITE      | FLEXIBLE GRAPHITE      | 18367       | COMPOSITE GASKET ASSY |
| 5   | SPACER RING          | 1         | ALLOY STEEL/CAD PLATED | ASTM A-331 GR 4140 HT  | 02360/06040 |                       |
| 6   | GASKET RETAINER      | 1         | STAINLESS STEEL        | ASTM A-182 GR F6A CL 4 | 02161       |                       |
| 7   | COVER RETAINER       | 1         | CARBON STEEL           | ASTM A-108 GR 1117 CF  | 01230       |                       |
| 8   | SOCKET PROTECTOR     | 3         | CARBON STEEL           | COMMON STEEL           | 50019       |                       |
| 9   | STUD F.I.            | 3         | ALLOY STEEL            | ASTM A-193 GR B7       | 20003       |                       |
| 10  | HEAVY HEX HD SCREW   | 6         | ALLOY STEEL            | ASTM A-193 GR B7       | 20003       |                       |
| 11  | HINGE PIN GASKET     | 2         | FLEXITALLIC FLEXITE    | FLEXITE SUPER          | 50306       |                       |
| 12  | HINGE PIN            | 2         | STAINLESS STEEL        | ASTM A-182 GR F6A CL 4 | 02161       |                       |
| 13  | HINGE PIN RETAINER   | 2         | CARBON STEEL           | ASTM A-105             | 01111       |                       |
| 14  | HEAVY HEX NUT        | 3         | CARBON STEEL           | ASTM A-194 GR 2H       | 01270       |                       |
| 15  | BELLEVILLE WASHER    | 6         | CARBON STEEL           | C1045-74 QT            | 01430       |                       |

15V-4  
節炭器再循環逆止弁



SECTION A-A



WELDING ENDS PER SHT 2 OF 2

TOTAL VALVE WEIGHT: 90 LBS  
(41 KGS)  
CV = 195

## ANSI B16.34 - SERVICE RATINGS

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| SPECIAL CLASS 1500 | CAST CARBON STEEL, GRADE VCB<br>3750 PSIG AT 100°F<br>258.6 BAR AT 38°C |
|--------------------|-------------------------------------------------------------------------|

**Edward Vogt Valve Company**

CAST STEEL HORIZONTAL & VERTICAL  
TILTING DISK CHECK VALVE  
GENERAL ASSEMBLY  
SIZE 2.5, FIGURE B2070Y

|           |              |       |
|-----------|--------------|-------|
| SIZE D    | 01-90463-43  | REV 1 |
| ORDER NO. | 00013        |       |
| DWG. NO.  | 89000-2R03-1 | P.57  |

Customer Name: MITSUBISHI HEAVY INDUSTRIES AMERICA, INC.  
Customer P.O.: 001111AK31949  
USER NAME: COSMO OIL CO. YOKKAICHI  
LOCATION: KASUMI POWER STATION

|     |          |     |     |    |      |       |      |       |      |
|-----|----------|-----|-----|----|------|-------|------|-------|------|
| REV | ASCH NO. | QTY | REV | BY | DATE | CHK'D | DATE | APP'D | DATE |
|-----|----------|-----|-----|----|------|-------|------|-------|------|