



| PT.NO. | PART NAME         | MATERIAL                 |     |     |      |
|--------|-------------------|--------------------------|-----|-----|------|
|        |                   | DI <sup>2)</sup>         | WCB | CF8 | CF8M |
| 01     | BODY              |                          |     |     |      |
| 02     | PLUG              | CA15                     |     | CF8 | CF8M |
| 03     | COVER             | DI <sup>2)</sup>         | WCB | CF8 | CF8M |
| 04     | SLEEVE            | PTFE                     |     |     |      |
| 05     | PTFE DIAPHRAGM    | PTFE                     |     |     |      |
| 06     | WEDGE RING        | PTFE                     |     |     |      |
| 07     | METAL DIAPHRAGM   | 304 *                    |     |     |      |
| 08     | THRUST COLLAR     | CF8                      |     |     |      |
| 09     | STATIC ELIMINATOR | 304 *                    |     |     |      |
| 10     | STUD / NUT -BODY  | A193 Gr. B8 / A194 Gr. 8 |     |     |      |
| 13     | ADJ. SCREW        | 304                      |     |     |      |
| 14     | LEVER             | STEEL                    |     |     |      |
| 15     | ADAPTER           | WCB                      |     |     |      |
| 16     | WASHER            | ALUMINIUM                |     |     |      |
| 17     | HEX.SCREW         | STEEL                    |     |     |      |

NOTE :

1) ONLY DIMENSION 'A' IS CERTIFIED, AND CONFORMS TO ASME B16.10 / EN 558 - 2, SERIES 3 FOR CLASS 150 SERIES 4 FOR CLASS 300

OTHER DIMENSIONS ARE INDICATIVE. WEIGHT INDICATED IS APPROXIMATE.

2) FOR CLASS 150 ONLY.

3) DRILLING AS PER ASME B16.5 CLASS 150 / 300.

4) • TOP TWO HOLES IN FLANGES ARE TAPPED TO M20

DESIGN STD. : API 599

TESTING STD. : API 598

ALL DIMENSIONS ARE IN mm.

| CLASS        | 150    |      |      |      |      |       |       |       |       | 300   |      |      |      |       |      |       |       |      |
|--------------|--------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|-------|------|-------|-------|------|
|              | SIZE   | 15   | 20   | 25   | 40   | 50    | 65    | 80    | 100   | 125   | 15   | 20   | 25   | 40    | 50   | 65    | 80    | 100  |
| A            | 108    | 117  | 140  | 165  | 178  | 190   | 203   | 229   | 254   | 140   | 152  | 165  | 190  | 216   | 241  | 283   | 305   | 381  |
| B            | 95     | 100  | 110  | 120  | 145  | 141   | 160   | 195   | 215   | 95    | 100  | 110  | 120  | 145   | 141  | 160   | 195   | 215  |
| C            | 225    | 225  | 225  | 325  | 450  | 450   | 450   | 750   | 750   | 225   | 225  | 225  | 325  | 450   | 450  | 450   | 750   | 750  |
| ØD           | 90     | 100  | 110  | 125  | 150  | 180   | 190   | 230   | 255   | 95    | 115  | 125  | 155  | 165   | 190  | 210   | 255   | 280  |
| ØE           | 35     | 43   | 51   | 73   | 92   | 105   | 127   | 157   | 186   | 35    | 43   | 51   | 73   | 92    | 105  | 127   | 157   | 186  |
| T            | 11.5   | 11.5 | 12.0 | 15.0 | 16.5 | 18    | 19.5  | 24.5  | 24.5  | 15    | 16.5 | 18   | 21.5 | 23    | 26   | 29    | 32.5  | 35.5 |
| DRILLING     | HOLES  | 4    | 4    | 4    | 4    | 4     | 4     | 8     | 8     | 4     | 4    | 4    | 4    | 8     | 8    | 8     | 8     | 8    |
|              | HOLE Ø | 15.8 | 15.8 | 15.8 | 15.8 | 19.1  | 19.1  | 19.1  | 19.1  | 22.2* | 15.8 | 19.1 | 19.1 | 22.2  | 19.1 | 22.2  | 22.2  | 22.2 |
|              | PCD    | 60.3 | 69.9 | 79.4 | 98.4 | 120.7 | 139.7 | 152.4 | 190.5 | 215.9 | 66.7 | 82.6 | 88.9 | 114.3 | 127  | 149.2 | 168.3 | 200  |
| WEIGHT - kgs | 2.0    | 2.5  | 4.5  | 7.5  | 12   | 12    | 18    | 30    | 44    | 3.5   | 5.0  | 6.5  | 11   | 16    | 16   | 22    | 44    | 78   |
| QTY.         |        |      |      |      |      |       |       |       |       |       |      |      |      |       |      |       |       |      |

TAG NO.

|                 |         |          |          |           |           |                   |
|-----------------|---------|----------|----------|-----------|-----------|-------------------|
| CODE            | DI      | WCB      | CF8      | CF8M      | CA15      | 304               |
| MATERIAL SPECN. | A395 DI | A216 WCB | A351 CF8 | A351 CF8M | A217 CA15 | A276 / A240 * 304 |

TEST PRESSURE , bar

CLASS 150 300

|      |       |     |    |
|------|-------|-----|----|
| HYD. | SHELL | 30  | 76 |
|      | SEAT  | 22  | 55 |
| AIR  | SEAT  | 6.9 |    |

CUSTOMER : \_\_\_\_\_  
ORDER NO. : \_\_\_\_\_  
JOB/PROJECT : \_\_\_\_\_

APPROVED :

CHECKED :

DRAWN :

FOR RECORD

FOR APPROVAL