



APPLICABLE STANDARDS

- Design ASME B16.5, B16.34
- Conform to API 594 & 6D
- Testing API 598
- MSS SP - 6
- MSS SP - 25
- MSS SP - 55

| BODY PRESSURE & TEMPERATURE RATINGS – NON SHOCK | | |
|---|--------|------------------|
| NOM. RATING | MEDIA | 2" to 24" |
| 1500# (WAFER) | W.O.G. | 3705 PSI @ 100°F |

DRAWING NO.
AL 101780

| PARTS LIST | | |
|------------|----------------|---|
| ITEM | DESCRIPTION | MATERIAL |
| 1 | BODY | CARBON STEEL (ASTM A 216, GRADE WCB) |
| 2 | SEAT* | CARBON STEEL (ASTM A 216, GRADE WCB) |
| 3 | DISC | STAINLESS STEEL (ASTM A 351, GRADE CF8M) |
| 4 | SPRING | INCONEL X-750 |
| 5 | SPRING PLATE | STAINLESS STEEL (ASTM A 182, GRADE F-316) |
| 6 | THRUST WASHER | STAINLESS STEEL (ASTM A 182, GRADE F-316) |
| 7 | HINGE PIN | STAINLESS STEEL (ASTM A 182, GRADE F-316) |
| 8 | STOP PIN | STAINLESS STEEL (ASTM A 182, GRADE F-316) |
| 9 | LOCATING PIECE | STAINLESS STEEL (ASTM A 182, GRADE F-316) |
| 10 | LIFTING LUG | CARBON STEEL |
| 11 | SCREW | STAINLESS STEEL (316) |

*Other Seat Materials Available in Metal (Same as Disc), 316LSS Overlay, 410SS Overlay.

| PRODUCT NUMBER† | SIZE | DIMENSIONS | | | | WEIGHT |
|-------------------|-------|------------|---------|---------|---------|--------|
| | | A | B | C* | D | |
| 2DD7R-CS-362IX | 2 | 5-5/8 | 2-3/4 | 1-11/16 | - | 14 |
| 21/2DD7R-CS-362IX | 2-1/2 | 6-1/2 | 3-1/4 | 2-1/8 | 1/16 | 16 |
| 3DD7R-CS-362IX | 3 | 6-7/8 | 3-1/4 | 2-5/8 | 5/16 | 25 |
| 4DD7R-CS-362IX | 4 | 8-1/4 | 4 | 3-7/16 | 9/16 | 43 |
| 5DD7R-CS-362IX | 5 | 10 | - | 4-5/16 | - | - |
| 6DD7R-CS-362IX | 6 | 11-1/8 | 6-1/4 | 5-3/16 | 1-1/16 | 110 |
| 8DD7R-CS-362IX | 8 | 13-7/8 | 8-1/8 | 6-13/16 | 1-13/32 | 219 |
| 10DD7R-CS-362IX | 10 | 17-1/8 | 9-3/4 | 8-1/2 | 1-11/16 | 397 |
| 12DD7R-CS-362IX | 12 | 20-1/2 | 12 | 10-1/8 | 2-1/4 | 725 |
| 14DD7R-CS-362IX | 14 | 22-3/4 | 14 | 11-1/2 | 2 | 948 |
| 16DD7R-CS-362IX | 16 | 25-1/4 | 15-1/8 | 12-3/16 | 2-5/8 | 1380 |
| 18DD7R-CS-362IX | 18 | 27-3/4 | 18-7/16 | 13-3/4 | 2-11/16 | 1900 |
| 20DD7R-CS-362IX | 20 | 29-3/4 | 21 | 14-3/4 | 4 | 2750 |
| 24DD7R-CS-362IX | 24 | 35-1/2 | 22 | 15-1/8 | 4-1/8 | 4409 |

*Minimum companion flange bore.

†See "Style DD Product Number Configuration" for additional options.

KECKLEY

3400 CLEVELAND SKOKIE ILLINOIS

DIMENSIONAL ASSEMBLY

1500# Retainerless Wafer Body

Double Disc Check Valve

MAT'L: Cast Carbon Steel

REQ. ---

DRAWING NO.
AL 101780

PART NO.
DD7R-CS-362IX

SCALE: NTS

DATE: 07/01/2011

DR. BY DSF