



| BODY PRESSURE & TEMPERATURE RATINGS – NON SHOCK | | |
|---|--------|------------------|
| NOM. RATING | MEDIA | 2" to 24" |
| 1500# (WAFER) | W.O.G. | 3600 PSI @ 100°F |

DRAWING NO.
AL 100900

| PARTS LIST | | |
|------------|----------------|---|
| ITEM | DESCRIPTION | MATERIAL |
| 1 | BODY | DUPLEX (ASTM A 351, GRADE CD4MCu) |
| 2 | SEAT* | VITON O-RING |
| 3 | DISC | DUPLEX (ASTM A 351, GRADE CD4MCu) |
| 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 Buna-N, EPDM, PTFE, and Neoprene.

| PRODUCT NUMBER ¹ | SIZE | DIMENSIONS | | | | WEIGHT |
|-----------------------------|-------|------------|---------|---------|---------|--------|
| | | A | B | C* | D | |
| 2DD7R-DP-DP4IX | 2 | 5-5/8 | 2-3/4 | 1-11/16 | - | 14 |
| 21/2DD7R-DP-DP4IX | 2-1/2 | 6-1/2 | 3-1/4 | 2-1/8 | 1/16 | 16 |
| 3DD7R-DP-DP4IX | 3 | 6-7/8 | 3-1/4 | 2-5/8 | 5/16 | 25 |
| 4DD7R-DP-DP4IX | 4 | 8-1/4 | 4 | 3-7/16 | 9/16 | 43 |
| 5DD7R-DP-DP4IX | 5 | 10 | - | 4-5/16 | - | - |
| 6DD7R-DP-DP4IX | 6 | 11-1/8 | 6-1/4 | 5-3/16 | 1-1/16 | 110 |
| 8DD7R-DP-DP4IX | 8 | 13-7/8 | 8-1/8 | 6-13/16 | 1-13/32 | 219 |
| 10DD7R-DP-DP4IX | 10 | 17-1/8 | 9-3/4 | 8-1/2 | 1-11/16 | 397 |
| 12DD7R-DP-DP4IX | 12 | 20-1/2 | 12 | 10-1/8 | 2-1/4 | 725 |
| 14DD7R-DP-DP4IX | 14 | 22-3/4 | 14 | 11-1/2 | 2 | 948 |
| 16DD7R-DP-DP4IX | 16 | 25-1/4 | 15-1/8 | 12-3/16 | 2-5/8 | 1380 |
| 18DD7R-DP-DP4IX | 18 | 27-3/4 | 18-7/16 | 13-3/4 | 2-11/16 | 1900 |
| 20DD7R-DP-DP4IX | 20 | 29-3/4 | 21 | 14-3/4 | 4 | 2750 |
| 24DD7R-DP-DP4IX | 24 | 35-1/2 | 22 | 15-1/8 | 4-1/8 | 4409 |

*Minimum companion flange bore.

¹See "Style DD Product Number Configuration" for additional options.

APPLICABLE STANDARDS

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

KECKLEY

3400 CLEVELAND SKOKIE ILLINOIS

DRAWING NO.

AL 100900

DIMENSIONAL ASSEMBLY

PART NO.
DD7R-DP-DP4IX

1500# Retainerless Wafer Body

SCALE: NTS

Double Disc Check Valve

DATE: 07/01/2011

MAT'L: Cast Duplex

REQ. ---

DR. BY DSF