

| BODY PRESSURE & TEMPERATURE RATINGS – NON SHOCK | | |
|---|--------|------------------|
| NOM. RATING | MEDIA | 2" to 24" |
| 900# (WAFER) | W.O.G. | 2160 PSI @ 100°F |

DRAWING NO.
AL 101720

| PARTS LIST | | |
|------------|----------------|---|
| ITEM | DESCRIPTION | MATERIAL |
| 1 | BODY | DUPLEX (ASTM A 351, GRADE CD4MCu) |
| 2 | SEAT* | DUPLEX (ASTM A 351, GRADE CD4MCu) |
| 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 Metal (Same as Disc), 316LSS Overlay, and 410SS Overlay.

| PRODUCT NUMBER ¹ | SIZE | DIMENSIONS | | | | WEIGHT |
|-----------------------------|-------|------------|--------|----------|---------|--------|
| | | A | B | C* | D | |
| 2DD6R-DP-DP2IX | 2 | 5-5/8 | 2-3/4 | 1-11/16 | - | 14 |
| 21/2DD6R-DP-DP2IX | 2-1/2 | 6-1/2 | 3-1/4 | 2-1/8 | 1/16 | 16 |
| 3DD6R-DP-DP2IX | 3 | 6-5/8 | 3-1/4 | 2-5/8 | 5/16 | 24 |
| 4DD6R-DP-DP2IX | 4 | 8-1/8 | 4 | 3-7/16 | 9/16 | 40 |
| 5DD6R-DP-DP2IX | 5 | 9-3/4 | - | 4-5/16 | - | - |
| 6DD6R-DP-DP2IX | 6 | 11-3/8 | 6-1/4 | 5-3/16 | 1-1/16 | 115 |
| 8DD6R-DP-DP2IX | 8 | 14-1/8 | 8-1/8 | 6-13/16 | 1-13/32 | 229 |
| 10DD6R-DP-DP2IX | 10 | 17-1/8 | 9-1/2 | 8-1/2 | 1-13/16 | 388 |
| 12DD6R-DP-DP2IX | 12 | 19-5/8 | 11-1/2 | 10-1/8 | 2-5/16 | 540 |
| 14DD6R-DP-DP2IX | 14 | 20-1/2 | 14 | 11-1/2 | 2 | 926 |
| 16DD6R-DP-DP2IX | 16 | 22-5/8 | 15-1/8 | 12-13/16 | 2-5/8 | 1152 |
| 18DD6R-DP-DP2IX | 18 | 25-1/8 | 17-3/4 | 14-7/16 | 2-9/16 | 1318 |
| 20DD6R-DP-DP2IX | 20 | 27-1/2 | 17-3/4 | 17-15/16 | 5-5/16 | 1426 |
| 24DD6R-DP-DP2IX | 24 | 33 | 19-1/2 | 21-1/2 | 5-5/8 | 2729 |

*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 |

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|---|---------------------------|
|  3400 CLEVELAND SKOKIE ILLINOIS | DRAWING NO. AL 101720 |
| | PART NO. DD6R-DP-DP2IX |
| DIMENSIONAL ASSEMBLY | SCALE: NTS |
| 900# Retainerless Wafer Body | DATE: 07/01/2011 |
| Double Disc Check Valve | DR. BY DSF |
| MAT'L: Cast Duplex | REQ. --- |