



SWG Style OR & ORIR ASME B16 .47 Series B (Formerly API 605)

| Nominal Bore | Pressure Class 150lb | | | |
|--------------|----------------------|-------------------------|-------------------------|--------------------|
| | Inner Ring ID (mm) | Sealing Element ID (mm) | Sealing Element OD (mm) | Outer Ring OD (mm) |
| 26" | 654.0 | 673.1 | 698.5 | 725.4 |
| 28" | 704.8 | 723.9 | 749.3 | 776.2 |
| 30" | 755.6 | 774.7 | 800.1 | 827.0 |
| 32" | 806.4 | 825.5 | 850.9 | 881.1 |
| 34" | 857.2 | 876.3 | 908.0 | 934.9 |
| 36" | 908.0 | 927.1 | 958.8 | 987.5 |
| 38" | 958.8 | 974.5 | 1009.6 | 1044.7 |
| 40" | 1009.6 | 1022.3 | 1063.7 | 1095.5 |
| 42" | 1060.4 | 1079.5 | 1114.5 | 1146.3 |
| 44" | 1111.2 | 1123.9 | 1165.3 | 1197.1 |
| 46" | 1162.0 | 1181.1 | 1224.0 | 1255.7 |
| 48" | 1212.8 | 1231.9 | 1270.0 | 1306.5 |
| 50" | 1263.6 | 1282.7 | 1325.6 | 1357.3 |
| 52" | 1314.4 | 1333.5 | 1376.4 | 1408.1 |
| 54" | 1365.2 | 1384.3 | 1422.4 | 1463.8 |
| 56" | 1422.4 | 1444.7 | 1477.7 | 1514.6 |
| 58" | 1478.0 | 1500.3 | 1528.8 | 1579.6 |
| 60" | 1535.1 | 1557.2 | 1485.9 | 1630.4 |

| Inner Ring ID (mm) | Sealing Element ID (mm) | Sealing Element OD (mm) | Outer Ring OD (mm) |
|--------------------|-------------------------|-------------------------|--------------------|
| | | | |
| 654.0 | 698.5 | 711.2 | 771.6 |
| 704.8 | 749.3 | 762.0 | 825.5 |
| 755.6 | 800.1 | 812.8 | 885.9 |
| 806.4 | 850.9 | 863.6 | 939.8 |
| 857.2 | 908.0 | 914.4 | 993.9 |
| 908.0 | 958.8 | 965.2 | 1047.7 |
| 971.5 | 1009.6 | 1047.7 | 1098.5 |
| 1022.3 | 1060.4 | 1098.5 | 1149.3 |
| 1085.8 | 1111.2 | 1149.3 | 1200.1 |
| 1123.9 | 1162.0 | 1200.1 | 1250.9 |
| 1178.0 | 1216.1 | 1254.2 | 1317.7 |
| 1231.9 | 1263.6 | 1311.4 | 1368.5 |
| 1266.9 | 1317.7 | 1355.8 | 1419.3 |
| 1317.7 | 1368.5 | 1406.6 | 1470.1 |
| 1365.2 | 1403.3 | 1454.1 | 1530.3 |
| 1428.7 | 1479.5 | 1524.0 | 1593.8 |
| 1484.3 | 1535.1 | 1573.2 | 1655.8 |
| 1557.2 | 1589.0 | 1630.4 | 1706.6 |

| Nominal Bore | Pressure Class 600lb | | | |
|--------------|----------------------|-------------------------|-------------------------|--------------------|
| | Inner Ring ID (mm) | Sealing Element ID (mm) | Sealing Element OD (mm) | Outer Ring OD (mm) |
| 26" | 644.6 | 663.7 | 714.5 | 765.3 |
| 28" | 685.8 | 704.8 | 755.6 | 819.1 |
| 30" | 752.6 | 778.0 | 828.8 | 879.6 |
| 32" | 793.7 | 831.8 | 882.6 | 933.4 |
| 34" | 850.9 | 889.0 | 939.8 | 996.9 |
| 36" | 901.7 | 939.8 | 990.6 | 1047.7 |
| 38" | 952.5 | 990.6 | 1041.4 | 1104.9 |
| 40" | 1009.6 | 1047.7 | 1098.5 | 1155.7 |
| 42" | 1066.8 | 1104.9 | 1155.7 | 1219.2 |
| 44" | 1111.2 | 1162.0 | 1212.8 | 1270.0 |
| 46" | 1162.0 | 1212.8 | 1263.6 | 1327.1 |
| 48" | 1219.2 | 1270.0 | 1320.8 | 1390.6 |
| 50" | 1270.0 | 1320.8 | 1371.6 | 1447.8 |
| 52" | 1320.8 | 1371.6 | 1422.4 | 1498.6 |
| 54" | 1377.9 | 1428.7 | 1479.5 | 1555.7 |
| 56" | 1428.7 | 1479.5 | 1530.3 | 1612.9 |
| 58" | 1473.2 | 1536.7 | 1587.5 | 1663.7 |
| 60" | 1530.3 | 1593.8 | 1644.6 | 1733.5 |

| Inner Ring ID (mm) | Sealing Element ID (mm) | Sealing Element OD (mm) | Outer Ring OD (mm) |
|--------------------|-------------------------|-------------------------|--------------------|
| | | | |
| 666.7 | 692.1 | 749.3 | 838.2 |
| 717.5 | 742.9 | 800.1 | 901.7 |
| 781.0 | 806.4 | 857.2 | 958.8 |
| 838.2 | 863.6 | 914.4 | 1016.0 |
| 895.3 | 920.7 | 971.5 | 1073.1 |
| 920.7 | 946.1 | 996.9 | 1123.9 |
| 1009.6 | 1035.0 | 1085.8 | 1200.1 |
| 1060.4 | 1098.5 | 1149.3 | 1250.9 |
| 1111.2 | 1149.3 | 1200.1 | 1301.7 |
| 1155.7 | 1206.5 | 1257.3 | 1368.5 |
| 1219.2 | 1270.0 | 1320.8 | 1435.1 |
| 1270.0 | 1320.8 | 1371.6 | 1485.9 |
| n/a | n/a | n/a | n/a |
| n/a | n/a | n/a | n/a |
| n/a | n/a | n/a | n/a |
| n/a | n/a | n/a | n/a |
| n/a | n/a | n/a | n/a |
| n/a | n/a | n/a | n/a |
| n/a | n/a | n/a | n/a |

| Notes |
|---|
| ASME States that Inner Rings are Mandatory for Class 900lb Flanges from 26" to 48" Nominal Bore |
| There are No Gasket Sizes above 50" Nominal Bore for Class 900lb Flanges |