

# Stainless Miniature Flanged Ball Bearings With Extended Inner Ring



| Número da peça | ID       | OD       | Largura | Flange OD | Largura da Flange | Anel Interno OD | Largura do anel interno | Tipo de escudo | Carga dinâmica | Carga estática | Velocidade máxima (X1000rpm) | Material do Anel     | Sistema de Medição | Tipo de Rolamento | Construção | Precisão  | Liberação | Faixa de temperatura | RoHS      | SGS       |
|----------------|----------|----------|---------|-----------|-------------------|-----------------|-------------------------|----------------|----------------|----------------|------------------------------|----------------------|--------------------|-------------------|------------|-----------|-----------|----------------------|-----------|-----------|
| SFRW166zz      | 0.1875"  | 0.375"   | 0.125"  | 0.422"    | 0.031"            | 0.235"          | 0.1562"                 | Shielded       | 122 lbf        | 44 lbf         | 45                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW166        | 0.1875"  | 0.375"   | 0.125"  | 0.422"    | 0.023"            | 0.235"          | 0.1562"                 | Open           | 122 lbf        | 44 lbf         | 45                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW156zz      | 0.1875"  | 0.3125"  | 0.125"  | 0.359"    | 0.036"            | 0.276"          | 0.1562"                 | Shielded       | 62 lbf         | 24 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW156        | 0.1875"  | 0.3125"  | 0.1094" | 0.359"    | 0.023"            | 0.221"          | 0.1406"                 | Open           | 62 lbf         | 24 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW155zz      | 0.15625" | 0.3125"  | 0.125"  | 0.359"    | 0.036"            | 0.221"          | 0.1562"                 | Shielded       | 62 lbf         | 24 lbf         | 47.7                         | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW155        | 0.15625" | 0.3125"  | 0.1094" | 0.359"    | 0.023"            | 0.221"          | 0.1406"                 | Open           | 62 lbf         | 24 lbf         | 47.7                         | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW2zz        | 0.125"   | 0.375"   | 0.1562" | 0.44"     | 0.03"             | 0.2"            | 0.1875"                 | Shielded       | 109 lbf        | 35 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW2-6zz      | 0.125"   | 0.375"   | 0.1406" | 0.422"    | 0.031"            | 0.173"          | 0.1719"                 | Shielded       | 110 lbf        | 37 lbf         | 47.7                         | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW2-6        | 0.125"   | 0.375"   | 0.1094" | 0.422"    | 0.023"            | 0.173"          | 0.1406"                 | Open           | 110 lbf        | 37 lbf         | 47.7                         | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW2-5zz      | 0.125"   | 0.3125"  | 0.1406" | 0.359"    | 0.031"            | 0.173"          | 0.1719"                 | Shielded       | 96 lbf         | 29 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW2-5        | 0.125"   | 0.3125"  | 0.1094" | 0.359"    | 0.023"            | 0.173"          | 0.1406"                 | Open           | 96 lbf         | 29 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW2          | 0.125"   | 0.375"   | 0.1562" | 0.44"     | 0.03"             | 0.2"            | 0.1875"                 | Open           | 109 lbf        | 35 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW144zz      | 0.125"   | 0.25"    | 0.1094" | 0.296"    | 0.031"            | 0.161"          | 0.1406"                 | Shielded       | 49 lbf         | 15 lbf         | 60.3                         | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW144        | 0.125"   | 0.25"    | 0.0937" | 0.296"    | 0.023"            | 0.161"          | 0.125"                  | Open           | 49 lbf         | 15 lbf         | 60.3                         | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW133zz      | 0.09375" | 0.1875"  | 0.0937" | 0.234"    | 0.031"            | 0.118"          | 0.125"                  | Shielded       | 25 lbf         | 9 lbf          | 72                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW133        | 0.09375" | 0.1875"  | 0.0625" | 0.234"    | 0.018"            | 0.118"          | 0.0937"                 | Open           | 25 lbf         | 9 lbf          | 72                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW1-5zz      | 0.09375" | 0.3125"  | 0.1406" | 0.359"    | 0.031"            | 0.173"          | 0.1719"                 | Shielded       | 95 lbf         | 29 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW1-5        | 0.09375" | 0.3125"  | 0.1094" | 0.359"    | 0.023"            | 0.173"          | 0.1406"                 | Open           | 95 lbf         | 29 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW1-4zz      | 0.07813" | 0.25"    | 0.1406" | 0.296"    | 0.031"            | 0.122"          | 0.1719"                 | Shielded       | 49 lbf         | 15 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW1-4        | 0.07813" | 0.25"    | 0.0937" | 0.296"    | 0.023"            | 0.122"          | 0.125"                  | Open           | 49 lbf         | 15 lbf         | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW1zz        | 0.05556" | 0.1875"  | 0.1094" | 0.234"    | 0.031"            | 0.093"          | 0.1406"                 | Shielded       | 40 lbf         | 11 lbf         | 81                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW0          | 0.04688" | 0.15625" | 0.0625" | 0.203"    | 0.013"            | 0.081"          | 0.0937"                 | Open           | 19 lbf         | 5 lbf          | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW1          | 0.05556" | 0.1875"  | 0.0781" | 0.234"    | 0.023"            | 0.093"          | 0.1094"                 | Open           | 40 lbf         | 11 lbf         | 81                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW0zz        | 0.04688" | 0.15625" | 0.0937" | 0.203"    | 0.031"            | 0.081"          | 0.1249"                 | Shielded       | 19 lbf         | 5 lbf          | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW1810zz     | 0.3125"  | 0.5"     | 0.1562" | 0.547"    | 0.031"            | 0.362"          | 0.1875"                 | Shielded       | 94 lbf         | 45 lbf         | 36                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |
| SFRW4zz        | 0.25"    | 0.625"   | 0.196"  | 0.69"     | 0.042"            | 0.364"          | 0.2273"                 | Shielded       | 255 lbf        | 101 lbf        | 99                           | 440C Stainless Steel | Inch               | Ball              | Single Row | ABEC-1/P0 | C0        | -30° to 110°C        | Compliant | Compliant |

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|           |       |        |         |        |        |        |         |          |         |         |      |                            |      |      |            |           |    |               |           |           |
|-----------|-------|--------|---------|--------|--------|--------|---------|----------|---------|---------|------|----------------------------|------|------|------------|-----------|----|---------------|-----------|-----------|
| SFRW4     | 0.25" | 0.625" | 0.196"  | 0.69"  | 0.042" | 0.362" | 0.2273" | Open     | 255 lbf | 101 lbf | 99   | 440C<br>Stainless<br>Steel | Inch | Ball | Single Row | ABEC-1/P0 | C0 | -30° to 110°C | Compliant | Compliant |
| SFRW188zz | 0.25" | 0.5"   | 0.1875" | 0.547" | 0.035" | 0.33"  | 0.2188" | Shielded | 310 lbf | 72 lbf  | 43.2 | 440C<br>Stainless<br>Steel | Inch | Ball | Single Row | ABEC-1/P0 | C0 | -30° to 110°C | Compliant | Compliant |
| SFRW188   | 0.25" | 0.5"   | 0.125"  | 0.547" | 0.023" | 0.364" | 0.1562" | Open     | 310 lbf | 72 lbf  | 43.2 | 440C<br>Stainless<br>Steel | Inch | Ball | Single Row | ABEC-1/P0 | C0 | -30° to 110°C | Compliant | Compliant |
| SFRW168zz | 0.25" | 0.375" | 0.125"  | 0.422" | 0.035" | 0.285" | 0.1562" | Shielded | 64 lbf  | 28 lbf  | 43.2 | 440C<br>Stainless<br>Steel | Inch | Ball | Single Row | ABEC-1/P0 | C0 | -30° to 110°C | Compliant | Compliant |