

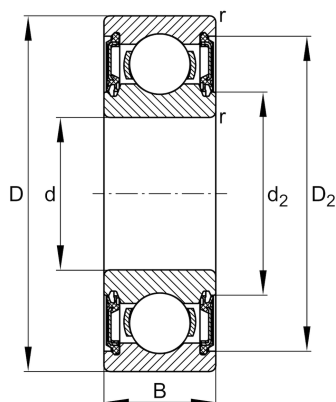
FAG

**6018-H-2RSR-SN**

Deep groove ball bearing

Schaeffler ID:  
0949146800000Deep groove ball bearing 60..-H-2RSR,  
single row, H-Series, seals, steel sheet  
metal cage

## Technical information

**Main Dimensions & Performance Data**

|          |             |                                   |
|----------|-------------|-----------------------------------|
| d        | 90 mm       | Bore diameter                     |
| D        | 140 mm      | Outside diameter                  |
| B        | 24 mm       | Width                             |
| $C_r$    | 52.340 N    | Basic dynamic load rating, radial |
| $C_{0r}$ | 45.080 N    | Basic static load rating, radial  |
| $C_{ur}$ | 2.600 N     | Fatigue load limit, radial        |
| $n_G$    | 2.550 1/min | Limiting speed                    |
|          | 1,17 kg     | Weight                            |

**Dimensions**

|           |          |                             |
|-----------|----------|-----------------------------|
| $r_{min}$ | 1,5 mm   | Minimum chamfer dimension   |
| $D_2$     | 127 mm   | Caliber diameter outer ring |
| $d_2$     | 103,1 mm | Caliber diameter inner ring |

**Mounting dimensions**

|             |        |                                      |
|-------------|--------|--------------------------------------|
| $d_{a min}$ | 97 mm  | Minimum diameter shaft shoulder      |
| $D_{a max}$ | 133 mm | Maximum diameter of housing shoulder |
| $r_{a max}$ | 1,5 mm | Maximum fillet radius                |

**Calculation factors**

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 15,8 | Calculation factor |
|-------|------|--------------------|

**Temperature range**

|           |        |                            |
|-----------|--------|----------------------------|
| $T_{min}$ | -20 °C | Operating temperature min. |
| $T_{max}$ | 100 °C | Operating temperature max. |

