

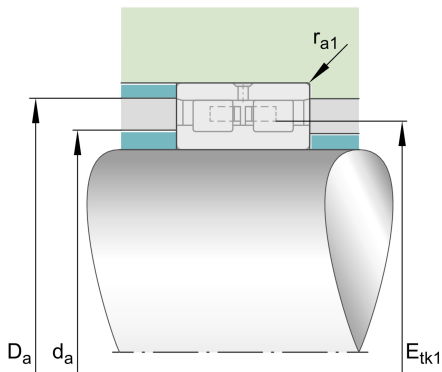
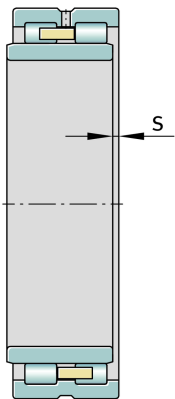
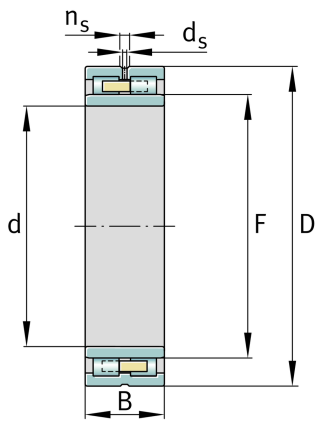
FAG

NNU4940-S-M-SP

Cylindrical roller bearing

Schaeffler ID:
0192333700000Super precision cylindrical roller bearings
NNU49...-S-M-SP, non-locating bearing,
double row, separable, with cage

Technical information

**Temperature range**

| | | |
|------------|-----------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 150 °C | Operating temperature max. |
| | 15,416 kg | Weight |

Main Dimensions & Performance Data

| | | |
|------------------------|-------------|---------------------------------------|
| d | 200 mm | Bore diameter |
| D | 280 mm | Outside diameter |
| B | 80 mm | Width |
| C_r | 490.000 N | Basic dynamic load rating, radial |
| C_{0r} | 1.040.000 N | Basic static load rating, radial |
| C_{ur} | 125.000 N | Fatigue load limit, radial |
| $n_{G \text{ Grease}}$ | 2.700 1/min | Limiting speed for grease lubrication |
| $n_{G \text{ Oil}}$ | 3.200 1/min | Limiting speed for oil lubrication |

Dimensions

| | | |
|--------------|---------|-----------------------------|
| $r_{1 \min}$ | 2,1 mm | Minimum chamfer dimension |
| F | 225 mm | Raceway diameter inner ring |
| n_s | 12,2 mm | Width of lubricating groove |
| d_s | 6,3 mm | Diameter lubrication hole |
| s | 4,3 mm | Axial displacement |

Mounting dimensions

| | | |
|---------------|--------|--------------------------------------|
| $d_{a \min}$ | 223 mm | Minimum diameter shaft shoulder |
| $D_{a \max}$ | 259 mm | Maximum diameter of housing shoulder |
| $r_{a1 \max}$ | 2,1 mm | Maximum recess radius |