

FAG

## ★ NNU4924-S-M-SP

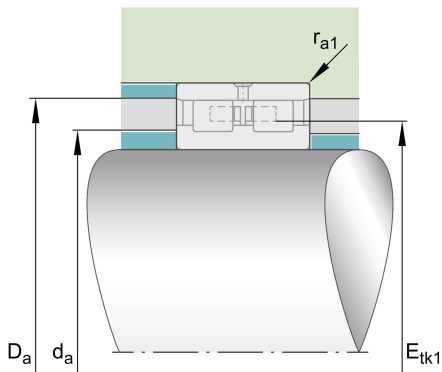
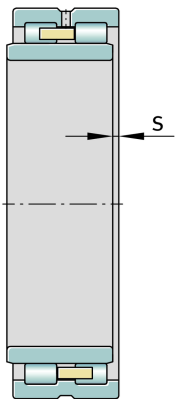
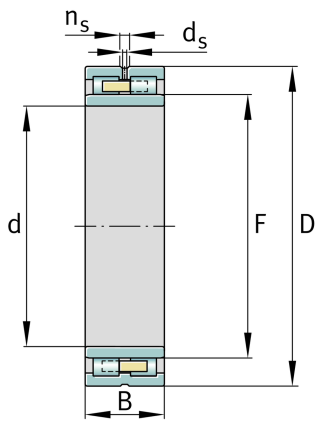
Cylindrical roller bearing

Schaeffler ID:  
0192328880000

★ Preferred product

Super 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. |
|            | 2,846 kg | Weight                     |

## Main Dimensions &amp; Performance Data

|                        |             |                                       |
|------------------------|-------------|---------------------------------------|
| d                      | 120 mm      | Bore diameter                         |
| D                      | 165 mm      | Outside diameter                      |
| B                      | 45 mm       | Width                                 |
| $C_r$                  | 175.000 N   | Basic dynamic load rating, radial     |
| $C_{0r}$               | 340.000 N   | Basic static load rating, radial      |
| $C_{ur}$               | 41.000 N    | Fatigue load limit, radial            |
| $n_{G \text{ Grease}}$ | 4.750 1/min | Limiting speed for grease lubrication |
| $n_{G \text{ Oil}}$    | 5.600 1/min | Limiting speed for oil lubrication    |

## Dimensions

|              |          |                             |
|--------------|----------|-----------------------------|
| $r_{1 \min}$ | 1,1 mm   | Minimum chamfer dimension   |
| F            | 134,5 mm | Raceway diameter inner ring |
| $n_s$        | 6,5 mm   | Width of lubricating groove |
| $d_s$        | 3,2 mm   | Diameter lubrication hole   |
| s            | 2,3 mm   | Axial displacement          |

## Mounting dimensions

|               |          |                                      |
|---------------|----------|--------------------------------------|
| $d_{a \min}$  | 133,4 mm | Minimum diameter shaft shoulder      |
| $D_{a \max}$  | 154,5 mm | Maximum diameter of housing shoulder |
| $r_{a1 \max}$ | 1 mm     | Maximum recess radius                |