

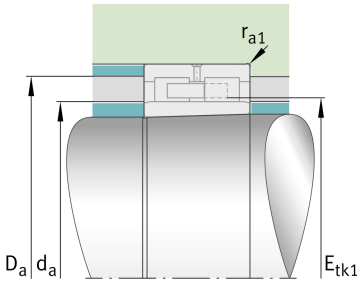
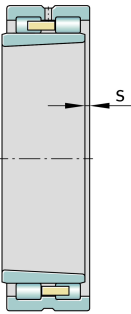
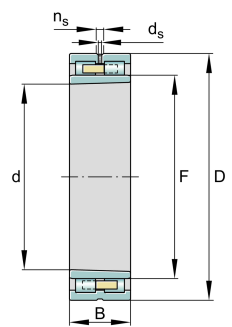
FAG

**NNU4934-S-K-M-SP**

Cylindrical roller bearing

Super precision cylindrical roller bearings  
 NNU49..-S-K-M-SP, non-locating bearing,  
 double row, with tapered bore, taper 1:12,  
 separable, with cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                       |              |                                                        |
|---------------------------------------|--------------|--------------------------------------------------------|
| Cage                                  | M            | Brass Cage                                             |
| Tolerance class                       | SP           | Tolerance class SP                                     |
| Bore type                             | K            | Tapered, taper 1:12                                    |
| Locating Feature , bearing outer ring | S            | Lubrication holes and lubrication groove in outer ring |
| Radial internal clearance             | C1 (Group 1) | Internal clearance smaller than C2                     |
| Number of rows                        | 2            | Double-row design                                      |

Main Dimensions & Performance Data

|                       |             |                                       |
|-----------------------|-------------|---------------------------------------|
| d                     | 170 mm      | Bore diameter                         |
| D                     | 230 mm      | Outside diameter                      |
| B                     | 60 mm       | Width                                 |
| C <sub>r</sub>        | 340.000 N   | Basic dynamic load rating, radial     |
| C <sub>0r</sub>       | 700.000 N   | Basic static load rating, radial      |
| C <sub>ur</sub>       | 85.000 N    | Fatigue load limit, radial            |
| n <sub>G Grease</sub> | 3.300 1/min | Limiting speed for grease lubrication |
| n <sub>G Oil</sub>    | 3.850 1/min | Limiting speed for oil lubrication    |
| ≈m                    | 6,818 kg    | Masa                                  |



Mounting dimensions

|                     |          |                                        |
|---------------------|----------|----------------------------------------|
| d <sub>a</sub>      | 187,2 mm | Diameter shaft shoulder                |
| h12                 |          | Diameter shaft shoulder tolerance      |
| D <sub>a</sub>      | 216,5 mm | Diameter of housing shoulder           |
| H12                 |          | Diameter of housing shoulder tolerance |
| r <sub>a1 max</sub> | 2 mm     | Maximum recess radius                  |

Dimensions

|                    |          |                             |
|--------------------|----------|-----------------------------|
| r <sub>1 min</sub> | 2 mm     | Minimum chamfer dimension   |
| F                  | 188,5 mm | Raceway diameter inner ring |
| n <sub>s</sub>     | 6,5 mm   | Width of lubricating groove |
| d <sub>s</sub>     | 3,2 mm   | Diameter lubrication hole   |
| s                  | 2,7 mm   | Axial displacement          |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 150 °C | Operating temperature max. |

Właściwości

|                                                                                     |                        |
|-------------------------------------------------------------------------------------|------------------------|
|  | Obciążenie promieniowe |
|  | Smarowanie smarem      |
|  | Smarowanie olejem      |
|  | Bez uszczelnienia      |