



FAG

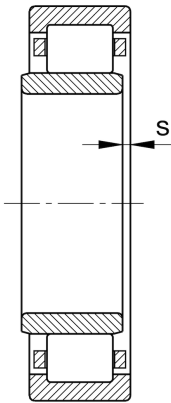
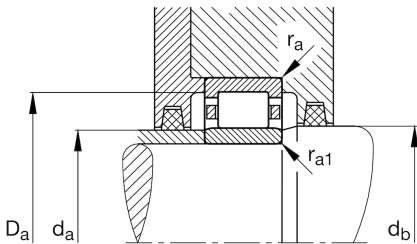
NU2248-EX-TB-M1

Cylindrical roller bearing

Schaeffler ID:  
0797434800000

Cylindrical roller bearings NU22...-E, main dimensions to DIN 5412-1, non-locating bearing, separable, with cage, Running accuracy in P6

Technical information



Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 240 mm      | Bore diameter                     |
| D               | 440 mm      | Outside diameter                  |
| B               | 120 mm      | Width                             |
| C <sub>r</sub>  | 1.850.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 2.800.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 295.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.250 1/min | Limiting speed                    |
| n <sub>9r</sub> | 900 1/min   | Reference speed                   |
| ≈m              | 81,5 kg     | Weight                            |

Mounting dimensions

|                     |          |                                      |
|---------------------|----------|--------------------------------------|
| d <sub>a min</sub>  | 257 mm   | Minimum diameter shaft shoulder      |
| d <sub>a max</sub>  | 284,5 mm | Maximum diameter of shaft shoulder   |
| d <sub>b min</sub>  | 289,5 mm | Minimum shaft shoulder               |
| D <sub>a max</sub>  | 423 mm   | Maximum diameter of housing shoulder |
| r <sub>a max</sub>  | 3 mm     | Maximum recess radius                |
| r <sub>a1 max</sub> | 3 mm     | Maximum recess radius                |

Dimensions

|                    |          |                                 |
|--------------------|----------|---------------------------------|
| r <sub>min</sub>   | 4 mm     | Minimum chamfer dimension       |
| r <sub>1 min</sub> | 4 mm     | Minimum chamfer dimension       |
| s                  | 10,2 mm  | Axial displacement              |
| E                  | 399 mm   | Raceway diameter outer ring     |
| F                  | 287 mm   | Raceway diameter inner ring     |
| D <sub>1 min</sub> | 376,6 mm | Minimum rib diameter outer ring |

Temperature range

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

