



FAG

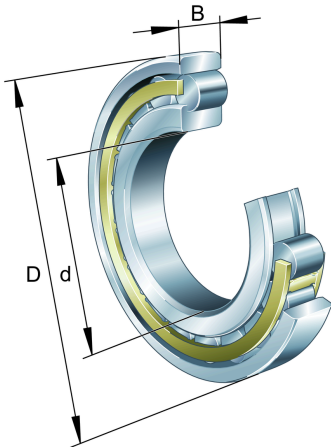
N314-E-XL-M1

Cylindrical roller bearing

Schaeffler ID:  
0192186480000

Cylindrical roller bearing N3..-E-M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N3

Technical information



Main Dimensions & Performance Data

|                 |           |                                   |
|-----------------|-----------|-----------------------------------|
| d               | 70 mm     | Bore diameter                     |
| D               | 150 mm    | Outside diameter                  |
| B               | 35 mm     | Width                             |
| C <sub>r</sub>  | 242.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 222.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 39.500 N  | Fatigue load limit, radial        |
| ≈m              | 3,05 kg   | Weight                            |

Mounting dimensions

|                     |        |                              |
|---------------------|--------|------------------------------|
| D <sub>a</sub>      | 138 mm | diameter of housing shoulder |
| r <sub>a1 max</sub> | 2 mm   | Maximum recess radius        |

Dimensions

|                    |        |                             |
|--------------------|--------|-----------------------------|
| r <sub>1 min</sub> | 2,1 mm | Minimum chamfer dimension   |
| E                  | 133 mm | Raceway diameter outer ring |

Temperature range

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