



**FAG**

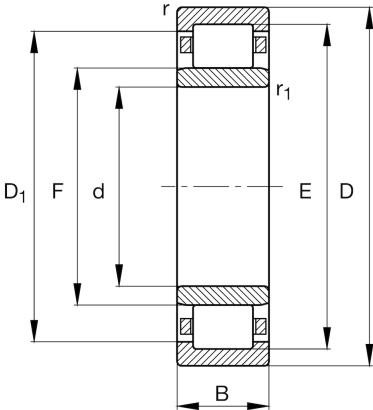
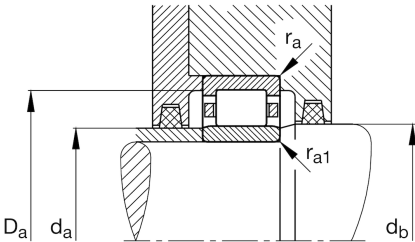
**NU1019-XL-M1-C3**  
Cylindrical roller bearing

Materiálové číslo Schaeffler:  
0192351430030

Cylindrical roller bearing NU...-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

**X-life**

Technické informace



Main Dimensions & Performance Data

|                 |               |                                   |
|-----------------|---------------|-----------------------------------|
| d               | [95] mm       | Bore diameter                     |
| D               | [145] mm      | Outside diameter                  |
| B               | [24] mm       | Width                             |
| C <sub>r</sub>  | [113.000] N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | [130.000] N   | Basic static load rating, radial  |
| C <sub>ur</sub> | [17.200] N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | [9.300] 1/min | Limiting speed                    |
| n <sub>gr</sub> | [4.350] 1/min | Reference speed                   |
|                 | [1,361] kg    | \$(Hmotnost)\$                    |

Mounting dimensions

|                     |          |                                      |
|---------------------|----------|--------------------------------------|
| d <sub>a min</sub>  | [101] mm | Minimum diameter shaft shoulder      |
| d <sub>a max</sub>  | [106] mm | Maximum diameter of shaft shoulder   |
| d <sub>b min</sub>  | [111] mm | Minimum shaft shoulder               |
| D <sub>a max</sub>  | [138] mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub>  | [1,5] mm | Maximum recess radius                |
| r <sub>a1 max</sub> | [1] mm   | Maximum recess radius                |

Dimensions

|                    |            |                                 |
|--------------------|------------|---------------------------------|
| r <sub>min</sub>   | [1,5] mm   | Minimum chamfer dimension       |
| r <sub>1 min</sub> | [1,1] mm   | Minimum chamfer dimension       |
| s                  | [3,1] mm   | Axial displacement              |
| E                  | [132] mm   | Raceway diameter outer ring     |
| F                  | [108] mm   | Raceway diameter inner ring     |
| D <sub>1 min</sub> | [127,9] 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. |

