

**FAG****NU1012-XL-M1**

Cylindrical roller bearing

Schaeffler ID:  
0167371210000

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

**X-life**

## Technical information

**Main Dimensions & Performance Data**

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 60 mm        | Bore diameter                     |
| D               | 95 mm        | Outside diameter                  |
| B               | 18 mm        | Width                             |
| C <sub>r</sub>  | 52.000 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 55.000 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 7.400 N      | Fatigue load limit, radial        |
| n <sub>G</sub>  | 14.800 1/min | Limiting speed                    |
| n <sub>gr</sub> | 6.400 1/min  | Reference speed                   |
|                 | 0,005 kg     | Weight                            |

**Dimensions**

|                    |         |                                 |
|--------------------|---------|---------------------------------|
| r <sub>min</sub>   | 1,1 mm  | Minimum chamfer dimension       |
| r <sub>1 min</sub> | 1 mm    | Minimum chamfer dimension       |
| s                  | 2,4 mm  | Axial displacement              |
| E                  | 85,5 mm | Raceway diameter outer ring     |
| F                  | 69,5 mm | Raceway diameter inner ring     |
| D <sub>1 min</sub> | 82,3 mm | Minimum rib diameter outer ring |

**Mounting dimensions**

|                     |        |                                      |
|---------------------|--------|--------------------------------------|
| d <sub>a min</sub>  | 65 mm  | Minimum diameter shaft shoulder      |
| d <sub>a max</sub>  | 68 mm  | Maximum diameter of shaft shoulder   |
| d <sub>b min</sub>  | 71 mm  | Minimum shaft shoulder               |
| D <sub>a max</sub>  | 89 mm  | Maximum diameter of housing shoulder |
| r <sub>a max</sub>  | 1,1 mm | Maximum recess radius                |
| r <sub>a1 max</sub> | 1 mm   | Maximum recess radius                |

**Temperature range**

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