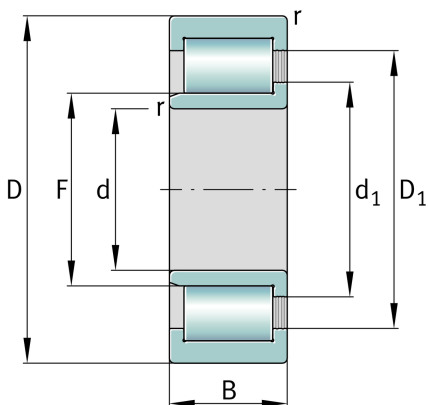


**SL192316-XL**  
Cylindrical roller bearing

Technical information



Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 80 mm       | Bore diameter                     |
| D               | 170 mm      | Outside diameter                  |
| B               | 58 mm       | Width                             |
| C <sub>r</sub>  | 540.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 560.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 101.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.600 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.820 1/min | Reference speed                   |

Dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| D <sub>1</sub>     | 142,1 mm | Shoulder diameter outer ring         |
| D <sub>a max</sub> | 142 mm   | Maximum diameter of housing shoulder |
| d <sub>1</sub>     | 109,5 mm | Shoulder diameter inner ring         |
| d <sub>a min</sub> | 98 mm    | Minimum diameter shaft shoulder      |
| d <sub>c min</sub> | 109,5 mm | Minimum shaft shoulder               |
| F                  | 98,2 mm  | Raceway diameter inner ring          |
| r <sub>a max</sub> | 2,1 mm   | Maximum fillet radius                |
| r <sub>min</sub>   | 2,1 mm   | Minimum chamfer dimension            |
| s                  | 3,5 mm   | Axial displacement                   |