

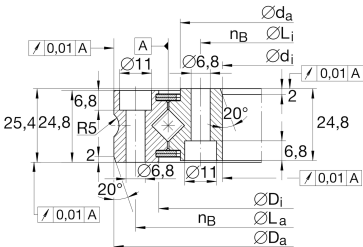


**XSU080218**

Slewing ring, Crossed roller bearing, without gear teeth

Crossed roller bearings standard series 08, without gear teeth, lamellar seals on both sides

Informacje techniczne



Main Dimensions & Performance Data

|             |           |                                  |
|-------------|-----------|----------------------------------|
| $d_i$       | 180 mm    | Bore Diameter                    |
|             | 0,025 mm  | Bore diameter upper tolerance    |
|             | 0 mm      | Bore diameter lower tolerance    |
| $D_a$       | 255 mm    | Outside Diameter                 |
|             | 0 mm      | Outside diameter upper tolerance |
|             | -0,032 mm | Outside diameter lower tolerance |
| H           | 25,4 mm   | Height                           |
| $\approx m$ | 4,2 kg    | Masa                             |



Dimensions

|                     |         |                                              |
|---------------------|---------|----------------------------------------------|
| D <sub>i</sub>      | 224 mm  | Inner diameter outer ring                    |
| h <sub>a</sub>      | 24,8 mm | Height outer ring                            |
| L <sub>a</sub>      | 240 mm  | Pitchcircle diameter fixing holes outer ring |
| n <sub>a</sub>      | 20      | Number of fixing holes in outer ring         |
| d <sub>a</sub>      | 209 mm  | Outside diameter inner ring                  |
| h <sub>i</sub>      | 24,8 mm | Height of inner ring                         |
| d <sub>B</sub>      | 6,8 mm  | Fixing bore                                  |
| d <sub>S</sub>      | 11 mm   | Counterbore diameter of fixing holes         |
| t <sub>S</sub>      | 6,8 mm  | Counterbore depth of fixing holes            |
| L <sub>i</sub>      | 195 mm  | Pitchcircle diameter fixing holes inner ring |
| n <sub>i</sub>      | 20      | Number of fixing holes in inner ring         |
| r <sub>groove</sub> | 5 mm    | Groove radius                                |
|                     | 0,01 mm | Running accuracy A (related to the raceway)  |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 80 °C  | Operating temperature max. |

Calculation factors

|                    |           |                                                          |
|--------------------|-----------|----------------------------------------------------------|
| C <sub>a</sub>     | 75.000 N  | Basic dynamic load rating, axial                         |
| C <sub>r</sub>     | 54.000 N  | Basic dynamic load rating, radial (for radial load only) |
| C <sub>0a</sub>    | 310.000 N | Basic static load rating, axial                          |
| C <sub>0r</sub>    | 151.000 N | Basic static load rating, radial (for radial load only)  |
| n <sub>G</sub>     | 175 1/min | Limiting speed                                           |
| F <sub>r zu.</sub> | 13.600 N  | Max. radial load screws                                  |



### Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Momenty względem wszystkich osi
-  Smarowanie smarem
-  Uszczelnienie dwustronne