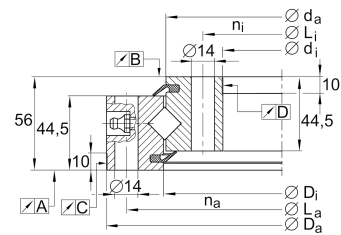


**XSU140844**

Slewing ring, Crossed roller bearing, without gear teeth

Crossed roller bearings, standard series 14,  
without gear teeth, lip seals on both sides

Informacje techniczne



Main Dimensions & Performance Data

|             |          |                                        |
|-------------|----------|----------------------------------------|
| $d_{i\ ZT}$ | 774 mm   | Diameter centring inner ring           |
|             | IT7      | Diameter centring inner ring tolerance |
| t           | 10 mm    | Length centering inner ring            |
| $D_a$       | 914 mm   | Diameter centring outer ring           |
|             | -IT7     | Diameter centring outer ring tolerance |
| T           | 10 mm    | Length centering outer ring            |
| H           | 56 mm    | Height                                 |
| $\approx m$ | 60,05 kg | Masa                                   |



Dimensions

|                    |         |                                              |
|--------------------|---------|----------------------------------------------|
| D <sub>i</sub>     | 845 mm  | Inner diameter outer ring                    |
|                    | 0,6 mm  | Inner diameter outer ring upper tolerance    |
|                    | 0 mm    | Inner diameter outer ring lower tolerance    |
| h <sub>a</sub>     | 44,5 mm | Height outer ring                            |
| L <sub>a</sub>     | 890 mm  | Pitchcircle diameter fixing holes outer ring |
| n <sub>a</sub>     | 40      | Number of fixing holes in outer ring         |
| d <sub>a</sub>     | 843 mm  | Outside diameter inner ring                  |
|                    | 0 mm    | Outside diameter inner ring upper tolerance  |
|                    | -0,6 mm | Outside diameter inner ring lower tolerance  |
| h <sub>i</sub>     | 44,5 mm | Height of inner ring                         |
| d <sub>B</sub>     | 14 mm   | Fixing bore                                  |
| L <sub>i</sub>     | 798 mm  | Pitchcircle diameter fixing holes inner ring |
| n <sub>i</sub>     | 40      | Number of fixing holes in inner ring         |
| VSP <sub>min</sub> | 0,01 mm | Min. bearing preload                         |
| VSP <sub>max</sub> | 0,04 mm | Maximum bearing preload                      |
|                    | 0,06 mm | Running accuracy A (related to the raceway)  |
|                    | 0,06 mm | Running accuracy B (related to the raceway)  |
|                    | 0,09 mm | Running accuracy C (related to the raceway)  |
|                    | 0,08 mm | Running accuracy D (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

|             |             |                                                          |
|-------------|-------------|----------------------------------------------------------|
| $C_a$       | 295.000 N   | Basic dynamic load rating, axial                         |
| $C_r$       | 210.000 N   | Basic dynamic load rating, radial (for radial load only) |
| $C_{0a}$    | 1.110.000 N | Basic static load rating, axial                          |
| $C_{0r}$    | 540.000 N   | Basic static load rating, radial (for radial load only)  |
| $n_G$       | 45 1/min    | Limiting speed                                           |
| $F_{r zu.}$ | 165.200 N   | Max. radial load screws                                  |

Właściwości

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