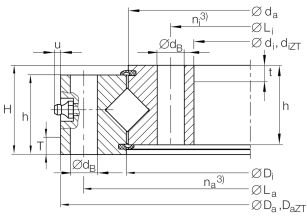


**XU120179**

Slewing ring, Crossed roller bearing, without gear teeth

Crossed roller bearings without gear teeth,
sealed on both sides

Technical information

**Main Dimensions & Performance Data**

| | | |
|-------------|----------|----------------------------------|
| d_i | 124,5 mm | Bore Diameter |
| | 0,5 mm | Bore diameter upper tolerance |
| | -0,5 mm | Bore diameter lower tolerance |
| D_a | 234 mm | Outside Diameter |
| | 0,5 mm | Outside diameter upper tolerance |
| | -0,5 mm | Outside diameter lower tolerance |
| H | 35 mm | Height |
| $\approx m$ | 6,358 kg | Weight |



Dimensions

| | | |
|-------------|----------|--|
| D_i | 180 mm | Inner diameter outer ring |
| | 0,2 mm | Inner diameter outer ring upper tolerance |
| | -0,2 mm | Inner diameter outer ring lower tolerance |
| h_a | 30 mm | Height outer ring |
| L_a | 214 mm | Pitchcircle diameter fixing holes outer ring |
| n_a | 12 | Number of fixing holes in outer ring |
| d_a | 178 mm | Outside diameter inner ring |
| | 0,2 mm | Outside diameter inner ring upper tolerance |
| | -0,2 mm | Outside diameter inner ring lower tolerance |
| h_i | 30 mm | Height of inner ring |
| d_B | 11 mm | Fixing bore |
| L_i | 144,5 mm | Pitchcircle diameter fixing holes inner ring |
| n_i | 12 | Number of fixing holes in inner ring |
| u_{max} | 6 mm | Max. protrusion lubrication nipple |
| VSP_{max} | 0,02 mm | Maximum bearing preload |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 80 °C | Operating temperature max. |

Calculation factors

| | | |
|-------------|-----------|--|
| C_a | 105.000 N | Basic dynamic load rating, axial |
| C_r | 75.000 N | Basic dynamic load rating, radial (for radial load only) |
| C_{0a} | 194.000 N | Basic static load rating, axial |
| C_{0r} | 95.000 N | Basic static load rating, radial (for radial load only) |
| $F_{R zu.}$ | 33.600 N | Max. radial load screws |



Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Moments about all axes



Grease Lubrication



Sealed on both sides