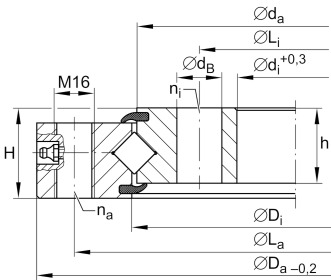
**XU120222**

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 | 140 mm | Bore Diameter |
| | 0,3 mm | Bore diameter upper tolerance |
| | 0 mm | Bore diameter lower tolerance |
| D_a | 300 mm | Outside Diameter |
| | 0 mm | Outside diameter upper tolerance |
| | -0,2 mm | Outside diameter lower tolerance |
| H | 36 mm | Height |
| $\approx m$ | 11,15 kg | Weight |



Dimensions

| | | |
|-------|---------|--|
| D_i | 224 mm | Inner diameter outer ring |
| h_a | 30 mm | Height outer ring |
| L_a | 270 mm | Pitchcircle diameter fixing holes outer ring |
| n_a | 12 | Number of fixing holes in outer ring |
| d_a | 220 mm | Outside diameter inner ring |
| h_i | 30 mm | Height of inner ring |
| d_B | 18 mm | Fixing bore |
| L_i | 170 mm | Pitchcircle diameter fixing holes inner ring |
| n_i | 12 | Number of fixing holes in inner ring |
| | M16 | Tread fixing bore |
| | 0,01 mm | Normal radial clearance min. |
| | 0,03 mm | Normal radial clearance max. |
| | 0,02 mm | Normal axial tilting clearance min. |
| | 0,06 mm | Normal axial tilting clearance max. |

Temperature range

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

Calculation factors

| | | |
|-----------|-----------|--|
| C_a | 116.000 N | Basic dynamic load rating, axial |
| C_r | 83.000 N | Basic dynamic load rating, radial (for radial load only) |
| C_{0a} | 305.000 N | Basic static load rating, axial |
| C_{0r} | 149.000 N | Basic static load rating, radial (for radial load only) |
| F_{rzu} | 65.500 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