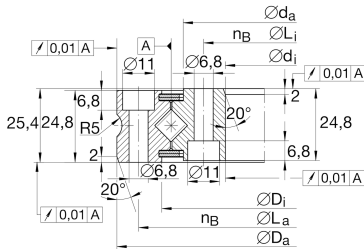


**XSU080168** [↗](#)

Slewing ring, Crossed roller bearing, without gear teeth

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

Technical information

**Main Dimensions & Performance Data**

d_i	130 mm	Bore Diameter
	0,025 mm	Bore diameter upper tolerance
	0 mm	Bore diameter lower tolerance
D_a	205 mm	Outside Diameter
	0 mm	Outside diameter upper tolerance
	-0,029 mm	Outside diameter lower tolerance
H	25,4 mm	Height
$\approx m$	3,3 kg	Weight



Dimensions

D_i	174 mm	Inner diameter outer ring
h_a	24,8 mm	Height outer ring
L_a	190 mm	Pitchcircle diameter fixing holes outer ring
n_a	12	Number of fixing holes in outer ring
d_a	159 mm	Outside diameter inner ring
h_i	24,8 mm	Height of inner ring
d_B	6,8 mm	Fixing bore
d_S	11 mm	Counterbore diameter of fixing holes
t_S	6,8 mm	Counterbore depth of fixing holes
L_i	145 mm	Pitchcircle diameter fixing holes inner ring
n_i	12	Number of fixing holes in inner ring
r_{groove}	5 mm	Groove radius
	0,01 mm	Running accuracy A (related to the raceway)

Temperature range

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

Calculation factors

C_a	66.000 N	Basic dynamic load rating, axial
C_r	47.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0a}	240.000 N	Basic static load rating, axial
C_{0r}	118.000 N	Basic static load rating, radial (for radial load only)
n_G	227 1/min	Limiting speed
$F_{rzu.}$	8.180 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