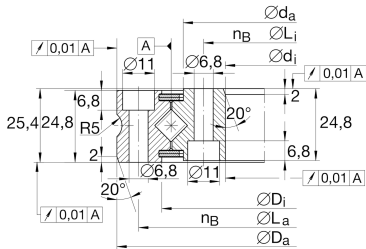


**XSU080218** [↗](#)

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	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	Weight



Dimensions

D_i	224 mm	Inner diameter outer ring
h_a	24,8 mm	Height outer ring
L_a	240 mm	Pitchcircle diameter fixing holes outer ring
n_a	20	Number of fixing holes in outer ring
d_a	209 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	195 mm	Pitchcircle diameter fixing holes inner ring
n_i	20	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	75.000 N	Basic dynamic load rating, axial
C_r	54.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0a}	310.000 N	Basic static load rating, axial
C_{0r}	151.000 N	Basic static load rating, radial (for radial load only)
n_G	175 1/min	Limiting speed
$F_{r\text{ zu.}}$	13.600 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