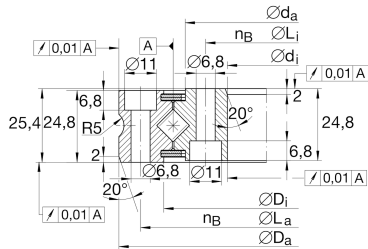


XSU080318-RR [↗](#)

Slewing ring, Crossed roller bearing, without gear teeth

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

Technical information



Your current product variant

Coating	RR	Protected against corrosion by Corrotect special coating
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Main Dimensions & Performance Data

d_i	280 mm	Bore Diameter
	0,032 mm	Bore diameter upper tolerance
	0 mm	Bore diameter lower tolerance
D_a	355 mm	Outside Diameter
	0 mm	Outside diameter upper tolerance
	-0,036 mm	Outside diameter lower tolerance
H	25,4 mm	Height
m	6,1 kg	Weight



Dimensions

D_i	324 mm	Inner diameter outer ring
h_a	24,8 mm	Height outer ring
L_a	340 mm	Pitchcircle diameter fixing holes outer ring
n_a	28	Number of fixing holes in outer ring
d_a	309 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	295 mm	Pitchcircle diameter fixing holes inner ring
n_i	28	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	93.000 N	Basic dynamic load rating, axial
C_r	66.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0a}	465.000 N	Basic static load rating, axial
C_{0r}	227.000 N	Basic static load rating, radial (for radial load only)
n_G	120 1/min	Limiting speed
$F_{rzu.}$	19.100 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



Large bearing