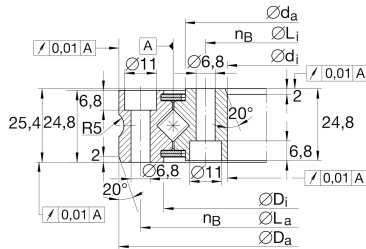


**XSU080318** [↗](#)

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**

$d_i$	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
$\approx m$	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
$r_{\text{groove}}$	5 mm	Groove radius
	0,01 mm	Running accuracy A (related to the raceway)

## Temperature range

$T_{\text{min}}$	-30 °C	Operating temperature min.
$T_{\text{max}}$	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
$F_{r\text{ zu.}}$	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