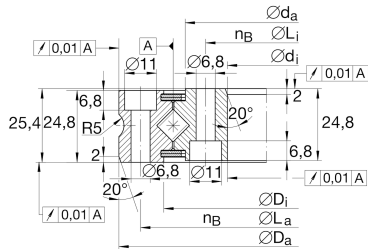


**XSU080218** [↗](#)

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
$F_{r zu.}$	13.600 N	Max. radial load screws



### Characteristics

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Radial load



Axial load in one direction



Axial load in two directions



Moments about all axes



Grease Lubrication



Sealed on both sides