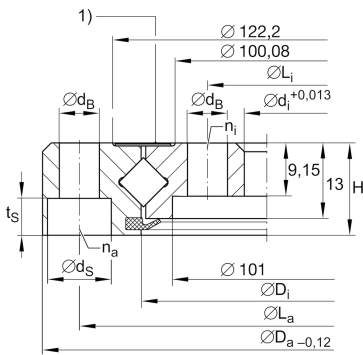


**XU060111-A** [↗](#)

Slewing ring, Crossed roller bearing, without gear teeth

Crossed roller bearings without gear teeth,  
sealed on both sides

## Technical information

**Main Dimensions & Performance Data**

$d_i$	76,2 mm	Bore Diameter
	0,013 mm	Bore diameter upper tolerance
	0 mm	Bore diameter lower tolerance
$t$	9,15 mm	Length centering inner ring
$D_a$	145,79 mm	Outside Diameter
	0 mm	Outside diameter upper tolerance
	-0,12 mm	Outside diameter lower tolerance
$H$	15,87 mm	Height
	101 mm	Diameter recess turning inner ring
$\approx m$	1,2 kg	Weight



## Dimensions

$D_i$	111,8 mm	Inner diameter outer ring
$L_a$	133,1 mm	Pitchcircle diameter fixing holes outer ring
$n_a$	8	Number of fixing holes in outer ring
$h_i$	13 mm	Height of inner ring
$d_B$	6,9 mm	Fixing bore
$d_S$	11 mm	Counterbore diameter of fixing holes
$t_S$	6,35 mm	Counterbore depth of fixing holes
$L_i$	88,9 mm	Pitchcircle diameter fixing holes inner ring
$n_i$	8	Number of fixing holes in inner ring
$VSP_{min}$	0,005 mm	Min. bearing preload
$VSP_{max}$	0,02 mm	Maximum bearing preload

## Temperature range

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

## Calculation factors

$C_a$	31.500 N	Basic dynamic load rating, axial
$C_r$	22.500 N	Basic dynamic load rating, radial (for radial load only)
$C_{0a}$	57.000 N	Basic static load rating, axial
$C_{0r}$	28.000 N	Basic static load rating, radial (for radial load only)
$F_{R zu.}$	7.600 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