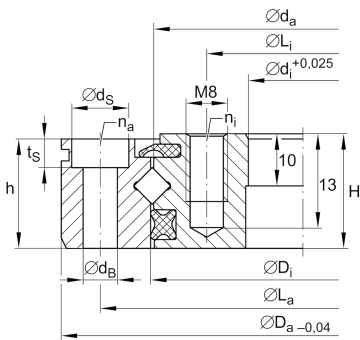


**XU060094** [↗](#)

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	57 mm	Bore Diameter
	0,025 mm	Bore diameter upper tolerance
	0 mm	Bore diameter lower tolerance
t	10 mm	Length centering inner ring
D_a	140 mm	Outside Diameter
	0 mm	Outside diameter upper tolerance
	-0,04 mm	Outside diameter lower tolerance
H	26 mm	Height
$\approx m$	2,22 kg	Weight



Dimensions

h_a	25 mm	Height outer ring
L_a	120 mm	Pitchcircle diameter fixing holes outer ring
n_a	6	Number of fixing holes in outer ring
d_B	9 mm	Fixing bore
d_S	15 mm	Counterbore diameter of fixing holes
t_S	6 mm	Counterbore depth of fixing holes
L_i	70 mm	Pitchcircle diameter fixing holes inner ring
n_i	6	Number of fixing holes in inner ring
	M8	Tread fixing bore
t_G	13 mm	Thread depth
VSP_{min}	0,005 mm	Min. bearing preload
VSP_{max}	0,008 mm	Maximum bearing preload

Temperature range

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

Calculation factors

C_a	30.000 N	Basic dynamic load rating, axial
C_r	21.600 N	Basic dynamic load rating, radial (for radial load only)
C_{0a}	49.500 N	Basic static load rating, axial
C_{0r}	24.400 N	Basic static load rating, radial (for radial load only)
$F_{R zu.}$	9.200 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