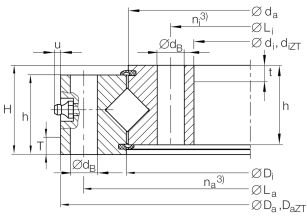


**XU120179** [↗](#)

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	124,5 mm	Bore Diameter
	0,5 mm	Bore diameter upper tolerance
	-0,5 mm	Bore diameter lower tolerance
D_a	234 mm	Outside Diameter
	0,5 mm	Outside diameter upper tolerance
	-0,5 mm	Outside diameter lower tolerance
H	35 mm	Height
$\approx m$	6,358 kg	Weight



Dimensions

D_i	180 mm	Inner diameter outer ring
	0,2 mm	Inner diameter outer ring upper tolerance
	-0,2 mm	Inner diameter outer ring lower tolerance
h_a	30 mm	Height outer ring
L_a	214 mm	Pitchcircle diameter fixing holes outer ring
n_a	12	Number of fixing holes in outer ring
d_a	178 mm	Outside diameter inner ring
	0,2 mm	Outside diameter inner ring upper tolerance
	-0,2 mm	Outside diameter inner ring lower tolerance
h_i	30 mm	Height of inner ring
d_B	11 mm	Fixing bore
L_i	144,5 mm	Pitchcircle diameter fixing holes inner ring
n_i	12	Number of fixing holes in inner ring
u_{max}	6 mm	Max. protrusion lubrication nipple
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	105.000 N	Basic dynamic load rating, axial
C_r	75.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0a}	194.000 N	Basic static load rating, axial
C_{0r}	95.000 N	Basic static load rating, radial (for radial load only)
F_{Rzu}	33.600 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