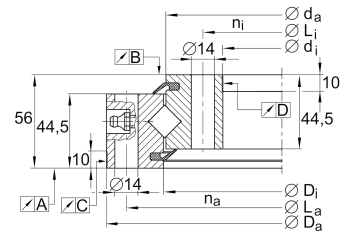


XSU140544

Slewing ring, Crossed roller bearing, without gear teeth

Crossed roller bearings, standard series 14,
without gear teeth, lip seals on both sides

Informacje techniczne



Main Dimensions & Performance Data

$d_{i\ ZT}$	474 mm	Diameter centring inner ring
	IT7	Diameter centring inner ring tolerance
t	10 mm	Length centering inner ring
D_a	614 mm	Diameter centring outer ring
	-IT7	Diameter centring outer ring tolerance
T	10 mm	Length centering outer ring
H	56 mm	Height
$\approx m$	36,1 kg	Masa



Dimensions

D _i	545 mm	Inner diameter outer ring
	0,5 mm	Inner diameter outer ring upper tolerance
	0 mm	Inner diameter outer ring lower tolerance
h _a	44,5 mm	Height outer ring
L _a	590 mm	Pitchcircle diameter fixing holes outer ring
n _a	32	Number of fixing holes in outer ring
d _a	543 mm	Outside diameter inner ring
	0 mm	Outside diameter inner ring upper tolerance
	-0,5 mm	Outside diameter inner ring lower tolerance
h _i	44,5 mm	Height of inner ring
d _B	14 mm	Fixing bore
L _i	498 mm	Pitchcircle diameter fixing holes inner ring
n _i	32	Number of fixing holes in inner ring
VSP _{min}	0,01 mm	Min. bearing preload
VSP _{max}	0,03 mm	Maximum bearing preload
	0,04 mm	Running accuracy A (related to the raceway)
	0,04 mm	Running accuracy B (related to the raceway)
	0,07 mm	Running accuracy C (related to the raceway)
	0,06 mm	Running accuracy D (related to the raceway)

Temperature range

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



Calculation factors

C _a	231.000 N	Basic dynamic load rating, axial
C _r	164.000 N	Basic dynamic load rating, radial (for radial load only)
C _{0a}	700.000 N	Basic static load rating, axial
C _{0r}	345.000 N	Basic static load rating, radial (for radial load only)
n _G	70 1/min	Limiting speed
F _{r zu.}	132.200 N	Max. radial load screws

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Momenty względem wszystkich osi
-  Smarowanie smarem
-  Uszczelnienie dwustronne
-  Łożysko gabarytowe