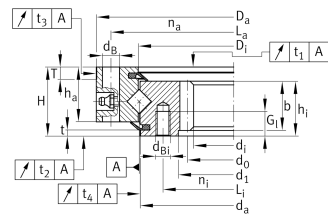


XSI140414-N

Slewing ring, crossed roller bearing, internal gear teeth

Crossed roller bearings, standard series 14,
internal gear teeth, lip seals on both sides

Informacje techniczne



Twoja aktualna wersja produktu

Gearing	N	Normalized gear teeth on bearing ring
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Main Dimensions & Performance Data

d_i	325 mm	Bore Diameter
$d_{a\ ZT}$	411 mm	Diameter centring inner ring
	-IT7	Diameter centring inner ring tolerance
t	4,5 mm	Length centering inner ring
$D_{a\ ZT}$	484 mm	Diameter centring outer ring
	-IT7	Diameter centring outer ring tolerance
T	10 mm	Length centering outer ring
H	56 mm	Height
$\approx m$	31,051 kg	Masa



Dimensions

D _i	415 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	Width outer ring
L _a	460 mm	Pitchcircle diameter fixing holes outer ring
n _a	24	Number of fixing holes in outer ring
d _B	14 mm	Fixing bore
	44,5 mm	Width inner ring
L _i	375 mm	Pitchcircle diameter fixing holes inner ring
n _i	24	Number of fixing holes in inner ring
	M12	Tread fixing bore
t _G	20 mm	Thread depth oil connector
d ₁	350 mm	Diameter turning inner ring
	0,5 mm	Diameter turning inner ring upper tolerance
	0 mm	Diameter turning inner ring lower tolerance
b	40 mm	Width gearing
m	5 mm	Modul of gearing
z	67	Number of teeth
d ₀	335 mm	Pitch circle diameter gearing
F _{z norm}	17.700 N	Max. tooth force root fatigue strenght
F _{z max}	26.200 N	Max. tooth force against tooth fracture
	0,04 mm	Running accuracy
	0,04 mm	Running accuracy
	0,06 mm	Running accuracy
	0,06 mm	Running accuracy



Temperature range

T _{min}	-25 °C	Operating temperature min.
T _{max}	80 °C	Operating temperature max.

Calculation factors

C _a	200.000 N	Basic dynamic load rating, axial
C _{0a}	540.000 N	Basic static load rating, axial
C _r	143.000 N	Basic dynamic load rating, radial (for radial load only)
C _{0r}	265.000 N	Basic static load rating, radial (for radial load only)
VSP _{max}	0,03 mm	Maximum bearing preload
VSP _{min}	0,01 mm	Min. bearing preload
F _{r zul}	99.100 N	Max. radial load fixing screws (friction locking)

Właściwości

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