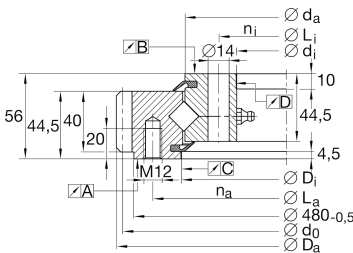


XSA140844-N

Slewing ring, crossed roller bearing, external gear teeth

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

Informacje techniczne



Twoja aktualna wersja produktu

Gearing	N	Normalized gear teeth on bearing ring
---------	---	---------------------------------------

Main Dimensions & Performance Data

d iZT	774 mm	Diameter centring inner ring
	IT7	Diameter centring inner ring tolerance
t	10 mm	Length centering inner ring
D a	950,1 mm	Outside Diameter
D i ZT	847 mm	Diameter centring outer ring
	IT7	Diameter centring outer ring tolerance
T	4,5 mm	Length centering outer ring
H	56 mm	Height
≈m	71 kg	Masa



Dimensions

h_a	44,5 mm	Width outer ring
L_a	885 mm	Pitchcircle diameter fixing holes outer ring
n_a	36	Number of fixing holes in outer ring
b	44,5 mm	Width gearing
m	8 mm	Modul of gearing
z	117	Number of teeth
d_0	936 mm	Pitch circle diameter gearing
$F_{z\text{ norm}}$	28.300 N	Max. tooth force root fatigue strenght (at a shock factor of 1,2)
$F_{z\text{ max}}$	42.000 N	Max. tooth force against tooth fracture (at a shock factor of 1,35)
d_a	843 mm	Outside diameter inner ring
	0 mm	Outside diameter inner ring upper tolerance
	-0,6 mm	Outside diameter inner ring lower tolerance
h	44,5 mm	Height of individual ring
d_B	14 mm	Fixing bore
L_i	798 mm	Pitchcircle diameter fixing holes inner ring
n_i	40	Number of fixing holes in inner ring
	M12	Tread fixing bore
t_G	20 mm	Thread depth oil connector
	0,05 mm	Running accuracy A (related to the raceway)
	0,05 mm	Running accuracy B (related to the raceway)
	0,09 mm	Running accuracy C (related to the raceway)
	0,08 mm	Running accuracy D (related to the raceway)

Temperature range

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



Calculation factors

C_a	295.000 N	Basic dynamic load rating, axial
C_{0a}	1.110.000 N	Basic static load rating, axial
C_r	210.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0r}	540.000 N	Basic static load rating, radial (for radial load only)
VSP_{max}	0,04 mm	Maximum bearing preload
VSP_{min}	0,01 mm	Min. bearing preload
$F_{r\ zul}$	148.700 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