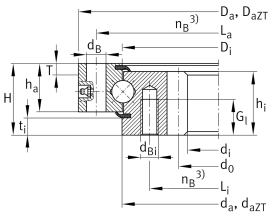


VSI251055-N-ZT

Slewing ring, 4 point contact bearing, internal gear teeth

Slewing ring, 4 point contact bearing, internal gear teeth

Informacje techniczne



Twoja aktualna wersja produktu

Centering	ZT	Centering on inner and outer ring
Gearing	N	Normalized gear teeth on bearing ring

Main Dimensions & Performance Data

d_1	910 mm	Bore Diameter
d_{aZT}	1.055 mm	Diameter centring inner ring
	-IT8	Diameter centring inner ring tolerance
T	19 mm	Length centering inner ring
H	80 mm	Height
D_a	1.155 mm	Outside Diameter
D_{aZT}	1.153 mm	Diameter centring outer ring
	-IT8	Diameter centring outer ring tolerance
T	15 mm	Length centering outer ring
h_a	54 mm	Width outer ring
h_i	71 mm	Width inner ring
	0,03 mm	Normal radial clearance min.
	0,13 mm	Normal radial clearance max.
	0,05 mm	Normal axial clearance min.
	0,24 mm	Normal axial clearance max.
$\approx m$	165 kg	Masa



Dimensions

D _i	1.053 mm	Inner diameter outer ring
L _a	1.115 mm	Pitchcircle diameter fixing holes outer ring
n _a	30	Number of fixing holes in outer ring
d _B	22 mm	Fixing bore
d _a	1.057 mm	Outside diameter inner ring
L _i	994 mm	Pitchcircle diameter fixing holes inner ring
d _{Bi}	M20	Tread fixing bore
G _I	40 mm	Thread depth fixing hole
n _i	30	Number of fixing holes in inner ring
F _{r zul}	530.000 N	Max. radial load fixing screws (friction locking)
m	10 mm	Modul of gearing
z	93	Number of teeth
d ₀	930 mm	Pitch circle diameter gearing
F _{z norm}	68.000 N	Max. tooth force root fatigue strenght (at a shock factor of 1,2)
F _{z max}	98.900 N	Max. tooth force against tooth fracture (at a shock factor of 1,35)

Calculation factors

C _a	385.000 N	Basic dynamic load rating, axial
C _{0a}	3.750.000 N	Basic static load rating, axial
C _r	350.000 N	Basic dynamic load rating, radial
C _{0r}	1.720.000 N	Basic static load rating, radial



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Momenty względem wszystkich osi



Smarowanie smarem



Uszczelnienie dwustronne



Łożysko gabarytowe