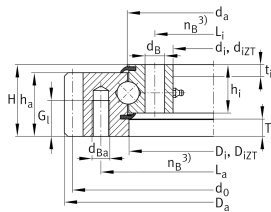


VSA251055-N

Slewing ring, 4 point contact bearing, external gear teeth

Slewing ring, 4 point contact bearing, external gear teeth

Informacje techniczne



Twoja aktualna wersja produktu

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

d_i	955 mm	Bore Diameter
H	80 mm	Height
D_a	1.198 mm	Outside Diameter
h_a	71 mm	Width outer ring
h_i	54 mm	Height of 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.
$\approx m$	175 kg	Masa



Dimensions

D _i	1.053 mm	Inner diameter outer ring
d _a	1.057 mm	Outside diameter inner ring
n _i	30	Number of fixing holes in inner ring
L _i	995 mm	Pitchcircle diameter fixing holes inner ring
d _B	22 mm	Fixing bore
n _a	30	Number of fixing holes in outer ring
L _a	1.116 mm	Pitchcircle diameter fixing holes outer ring
d _{Ba}	M20	Tread fixing bore
G _i	40 mm	Thread depth fixing hole
F _{r zul}	363.000 N	Max. radial load fixing screws (friction locking)
d ₀	1.180 mm	Pitch circle diameter gearing
m	10 mm	Modul of gearing
z	118	Number of teeth
F _{z norm}	61.200 N	Max. tooth force root fatigue strenght (at a shock factor of 1,2)
F _{z max}	89.000 N	Max. tooth force against tooth fracture (at a shock factor of 1,35)

Temperature range

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

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