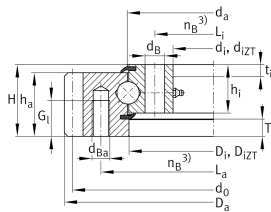


VSA250755-N

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	655 mm	Bore Diameter
H	80 mm	Height
D_a	898 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.
$\approx m$	127,1 kg	Masa



Dimensions

D _i	753 mm	Inner diameter outer ring
d _a	757 mm	Outside diameter inner ring
n _i	24	Number of fixing holes in inner ring
L _i	695 mm	Pitchcircle diameter fixing holes inner ring
d _B	22 mm	Fixing bore
n _a	24	Number of fixing holes in outer ring
L _a	816 mm	Pitchcircle diameter fixing holes outer ring
d _{Ba}	M20	Tread fixing bore
G _i	40 mm	Thread depth fixing hole
F _{r zul}	290.400 N	Max. radial load fixing screws (friction locking)
d ₀	882 mm	Pitch circle diameter gearing
m	9 mm	Modul of gearing
z	98	Number of teeth
F _{z norm}	55.100 N	Max. tooth force root fatigue strenght (at a shock factor of 1,2)
F _{z max}	80.200 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	395.000 N	Basic dynamic load rating, axial
C _{0a}	2.700.000 N	Basic static load rating, axial
C _r	360.000 N	Basic dynamic load rating, radial
C _{0r}	1.230.000 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