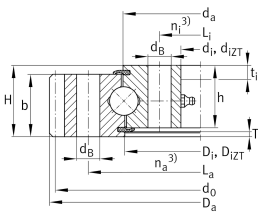


VA160235-N-ZT

Slewing ring, 4 point contact bearing, external gear teeth

Slewing ring, 4 point contact bearing, external 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_i	171 mm	Bore Diameter
d_{iZT}	173 mm	Diameter centering inner ring
	IT8	Diameter centering inner ring tolerance
H	40 mm	Height
D_a	318,6 mm	Outside Diameter
D_{iZT}	236 mm	Diameter centering outer ring
	IT8	Diameter centering outer ring tolerance
T	2,3 mm	Length centering outer ring
t	6 mm	Length centering inner ring
h_a	35 mm	Width outer ring
h_i	35 mm	Height of inner ring
	0,04 mm	Normal radial clearance min.
	0,16 mm	Normal radial clearance max.
	0,07 mm	Normal axial clearance min.
	0,26 mm	Normal axial clearance max.
$\approx m$	12,9 kg	Masa



Dimensions

D _i	234 mm	Inner diameter outer ring
d _a	236 mm	Outside diameter inner ring
n _i	12	Number of fixing holes in inner ring
L _i	195 mm	Pitchcircle diameter fixing holes inner ring
d _B	13 mm	Fixing bore
n _a	12	Number of fixing holes in outer ring
L _a	275 mm	Pitchcircle diameter fixing holes outer ring
F _{r zul}	63.000 N	Max. radial load fixing screws (friction locking)
d ₀	312 mm	Pitch circle diameter gearing
m	4 mm	Modul of gearing
z	78	Number of teeth
b	35 mm	Width gearing
F _{z norm}	11.000 N	Max. tooth force root fatigue strenght (at a shock factor of 1,2)
F _{z max}	16.100 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	123.000 N	Basic dynamic load rating, axial
C _{0a}	460.000 N	Basic static load rating, axial
C _r	112.000 N	Basic dynamic load rating, radial
C _{0r}	210.000 N	Basic static load rating, radial



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Momenty względem wszystkich osi



Smarowanie smarem