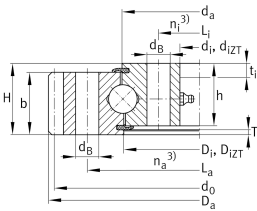


VA160235-N

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

Main Dimensions & Performance Data

d _i	171 mm	Bore Diameter
H	40 mm	Height
D _a	318,6 mm	Outside Diameter
D _{i ZT}	236 mm	Diameter centring outer ring
	IT8	Diameter centring 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.
≈m	12,901 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}	49.600 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