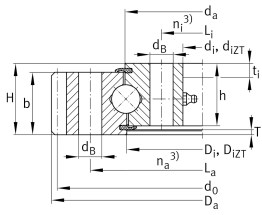
**VA250309-N-ZT**

Slewing ring, 4 point contact bearing, external gear teeth

Slewing ring, 4 point contact bearing, external gear teeth

Technical information

**Ваш текущий вариант продукта**

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

Main Dimensions & Performance Data

d_i	235 mm	Bore Diameter
d_{iZT}	237 mm	Diameter centring inner ring
	IT8	Diameter centring inner ring tolerance
H	60 mm	Height
D_a	408,4 mm	Outside Diameter
D_{iZT}	310 mm	Diameter centring outer ring
	IT8	Diameter centring outer ring tolerance
T	3 mm	Length centering outer ring
t	8 mm	Length centering inner ring
h_a	52,5 mm	Width outer ring
h_i	52,5 mm	Height of inner ring
	0,06 mm	Normal radial clearance min.
	0,25 mm	Normal radial clearance max.
	0,1 mm	Normal axial clearance min.
	0,41 mm	Normal axial clearance max.
$\approx m$	29,5 kg	Bec



Dimensions

D_i	308 mm	Inner diameter outer ring
d_a	310 mm	Outside diameter inner ring
n_i	24	Number of fixing holes in inner ring
L_i	259 mm	Pitchcircle diameter fixing holes inner ring
d_B	13 mm	Fixing bore
n_a	24	Number of fixing holes in outer ring
L_a	359 mm	Pitchcircle diameter fixing holes outer ring
$F_{r\text{ zul}}$	86.000 N	Max. radial load fixing screws (friction locking)
d_0	400 mm	Pitch circle diameter gearing
m	5 mm	Modul of gearing
z	80	Number of teeth
b	52,5 mm	Width gearing
$F_{z\text{ norm}}$	12.900 N	Max. tooth force root fatigue strenght (at a shock factor of 1,2)
$F_{z\text{ max}}$	18.800 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	255.000 N	Basic dynamic load rating, axial
C_{0a}	640.000 N	Basic static load rating, axial
C_r	232.000 N	Basic dynamic load rating, radial
C_{0r}	295.000 N	Basic static load rating, radial



Характеристики



Радиальная нагрузка



Осевая нагрузка в одном направлении



Осевая нагрузка в обоих направлениях



Моменты вокруг всех осей



Смазывание пластичной смазкой



Крупногабаритный подшипник