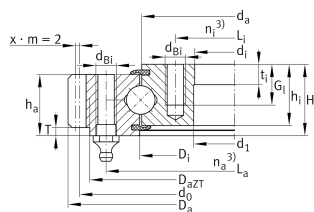


VA140188-V [🔗](#)

Slewing ring, 4 point contact bearing, external gear teeth

Slewing ring, 4 point contact bearing, internal gear teeth

Informacje techniczne



Twoja aktualna wersja produktu

Gearing	V	Quenched and tempered gear teeth on bearing ring
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Main Dimensions & Performance Data

d _i	136 mm	Bore Diameter
	0,5 mm	Bore diameter upper tolerance
	-0,5 mm	Bore diameter lower tolerance
d _{iZT}	135 mm	Diameter centring inner ring
	0,2 mm	Diameter centring inner ring upper tolerance
	0 mm	Diameter centring inner ring lower tolerance
H	35 mm	Height
D _a	259,36 mm	Outside Diameter
D _{iZT}	238 mm	Diameter centring outer ring
	0 mm	Diameter centring outer ring upper tolerance
	-0,07 mm	Diameter centring outer ring lower tolerance
T	4 mm	Length centering outer ring
t	10 mm	Length centering inner ring
h _a	30 mm	Width outer ring
h _i	30 mm	Height of inner ring
	0,03 mm	Normal radial clearance min.
	0,1 mm	Normal radial clearance max.
	0,05 mm	Normal axial clearance min.
	0,2 mm	Normal axial clearance max.
≈m	7,1 kg	Masa



Dimensions

D _i	189 mm	Inner diameter outer ring
d _a	187 mm	Outside diameter inner ring
n _i	16	Number of fixing holes in inner ring
L _i	154 mm	Pitchcircle diameter fixing holes inner ring
n _a	16	Number of fixing holes in outer ring
L _a	222 mm	Pitchcircle diameter fixing holes outer ring
d _{Ba}	M10	Tread fixing bore
G _I	20 mm	Thread depth fixing hole
F _{r zul}	44.800 N	Max. radial load fixing screws (friction locking)
d ₀	248 mm	Pitch circle diameter gearing
m	4 mm	Modul of gearing
z	62	Number of teeth
	2 mm	Profile shift
b	26 mm	Width gearing
F _{z norm}	10.400 N	Max. tooth force root fatigue strenght (at a shock factor of 1,2)
F _{z max}	15.300 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	93.000 N	Basic dynamic load rating, axial
C _{0a}	670.000 N	Basic static load rating, axial
C _r	84.000 N	Basic dynamic load rating, radial
C _{0r}	270.000 N	Basic static load rating, radial



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Momenty względem wszystkich osi



Smarowanie smarem