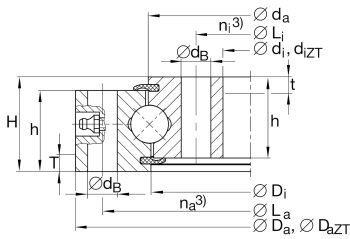


**VU200220** [↗](#)

Slewing ring, 4 point contact bearing, without gear teeth

Four point contact bearings without gear teeth, sealed on both sides

Technical information

**Main Dimensions & Performance Data**

d_i	138 mm	Inner diameter inner ring
	0,5 mm	Inner diameter inner ring lower tolerance
	0,5 mm	Inner diameter inner ring upper tolerance
H	46 mm	Height
D_a	302 mm	Outside Diameter
	0,5 mm	Outside diameter lower tolerance
	0,5 mm	Outside diameter upper tolerance
h_a	41 mm	Width outer ring
h_i	41 mm	Width inner ring
	0,05 mm	Normal radial clearance min.
	0,2 mm	Normal radial clearance max.
	0,08 mm	Normal axial clearance min.
	0,33 mm	Normal axial clearance max.
$\approx m$	15,6 kg	Weight



Dimensions

D_i	219 mm	Inner diameter outer ring
d_a	221 mm	Outside diameter inner ring
d_B	18 mm	Fixing bore
L_a	270 mm	Pitchcircle diameter fixing holes outer ring
n_a	10	Number of fixing holes in outer ring
L_i	170 mm	Pitchcircle diameter fixing holes inner ring
n_i	10	Number of fixing holes in inner ring
$F_{r\text{ zul}}$	78.000 N	Max. radial load fixing screws (friction locking)







Temperature range

T_{min}	-25 °C	Operating temperature min.
T_{max}	80 °C	Operating temperature max.

Calculation factors

C_a	159.000 N	Basic dynamic load rating, axial
C_{0a}	510.000 N	Basic static load rating, axial
C_r	145.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0r}	235.000 N	Basic static load rating, radial (for radial load only)

Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Moments about all axes
	Grease Lubrication
	Sealed on both sides