



VSU200644-RL1 [↗](#)

Slewing ring, 4 point contact bearing, without gear teeth

Slewing Ring, Four Point contact bearing,
without gear teeth

Technical information



Your current product variant

Radial internal clearance	RL1	Radial clearance 0 to 0,1; axial tilting clearance 0 to 0,21
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Main Dimensions & Performance Data

d_i	572 mm	Inner diameter inner ring
	0 mm	Inner diameter inner ring lower tolerance
	0,6 mm	Inner diameter inner ring upper tolerance
H	56 mm	Height
D_a	716 mm	Outside Diameter
	-0,6 mm	Outside diameter lower tolerance
	0 mm	Outside diameter upper tolerance
h_a	44,5 mm	Width outer ring
h_i	44,5 mm	Width inner ring
$\approx m$	44,41 kg	Weight



Dimensions

D_i	645,5 mm	Inner diameter outer ring
	0,6 mm	Inner diameter outer ring upper tolerance
	0 mm	Inner diameter outer ring lower tolerance
d_a	642,5 mm	Outside diameter inner ring
	0 mm	Outside diameter inner ring upper tolerance
	-0,6 mm	Outside diameter inner ring lower tolerance
d_B	14 mm	Fixing bore
L_a	690 mm	Pitchcircle diameter fixing holes outer ring
n_a	36	Number of fixing holes in outer ring
L_i	598 mm	Pitchcircle diameter fixing holes inner ring
n_i	36	Number of fixing holes in inner ring
$F_{r\text{zul}}$	148.700 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	162.000 N	Basic dynamic load rating, axial
C_{0a}	1.040.000 N	Basic static load rating, axial
C_r	147.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0r}	475.000 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
-  Large bearing