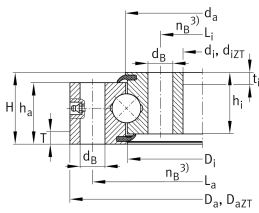


**VSU250955-VSP-ZT** [↗](#)

Slewing ring, 4 point contact bearing, without gear teeth

Slewing Ring, Four Point contact bearing,  
without gear teeth

## Technical information

**Your current product variant**

Centering	ZT	Centering on inner and outer ring
Preload class	VSP	Bearing with preload

**Main Dimensions & Performance Data**

$d_i$	855 mm	Inner diameter inner ring
$d_{iZT}$	857 mm	Diameter centring inner ring
	IT8	Diameter centring inner ring tolerance
H	63 mm	Height
$D_a$	1.055 mm	Outside Diameter
$D_{aZT}$	1.053 mm	Centering diameter outer ring
	-IT8	Diameter centring outer ring tolerance
T	15 mm	Length centering outer ring
t	15 mm	Length centering inner ring
$h_a$	54 mm	Width outer ring
$h_i$	54 mm	Width inner ring
	0,03 mm	Normal radial clearance min.
	0,13 mm	Normal radial clearance max.
	0,05 mm	Normal axial clearance min.
	0,24 mm	Normal axial clearance max.
$\approx m$	115,1 kg	Weight



## Dimensions

$D_i$	953 mm	Inner diameter outer ring
$d_a$	957 mm	Outside diameter inner ring
$d_B$	22 mm	Fixing bore
$L_a$	1.015 mm	Pitchcircle diameter fixing holes outer ring
$n_a$	30	Number of fixing holes in outer ring
$L_i$	895 mm	Pitchcircle diameter fixing holes inner ring
$n_i$	30	Number of fixing holes in inner ring
$F_{r\text{zul}}$	480.000 N	Max. radial load fixing screws (friction locking)








## Temperature range

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

## Calculation factors

$C_a$	370.000 N	Basic dynamic load rating, axial
$C_{0a}$	3.400.000 N	Basic static load rating, axial
$C_r$	335.000 N	Basic dynamic load rating, radial (for radial load only)
$C_{0r}$	1.560.000 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