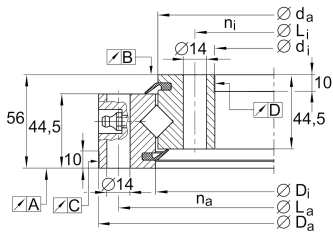


**XSU140744-RR** [↗](#)

Slewing ring, Crossed roller bearing, without gear teeth

Crossed roller bearings, standard series 14,  
without gear teeth, lip seals on both sides

## Technical information



## Your current product variant

Coating	RR	Protected against corrosion by Corrotect special coating
---------	----	--

## Main Dimensions &amp; Performance Data

$d_{iZT}$	674 mm	Diameter centring inner ring
	IT7	Diameter centring inner ring tolerance
t	10 mm	Length centering inner ring
$D_a$	814 mm	Diameter centring outer ring
	-IT7	Diameter centring outer ring tolerance
T	10 mm	Length centering outer ring
H	56 mm	Height
≈m	49,9 kg	Weight



## Dimensions

$D_i$	745 mm	Inner diameter outer ring
	0,6 mm	Inner diameter outer ring upper tolerance
	0 mm	Inner diameter outer ring lower tolerance
$h_a$	44,5 mm	Height outer ring
$L_a$	790 mm	Pitchcircle diameter fixing holes outer ring
$n_a$	40	Number of fixing holes in outer ring
$d_a$	743 mm	Outside diameter inner ring
	0 mm	Outside diameter inner ring upper tolerance
	-0,6 mm	Outside diameter inner ring lower tolerance
$h_i$	44,5 mm	Height of inner ring
$d_B$	14 mm	Fixing bore
$L_i$	698 mm	Pitchcircle diameter fixing holes inner ring
$n_i$	40	Number of fixing holes in inner ring
VSP <sub>min</sub>	0,01 mm	Min. bearing preload
VSP <sub>max</sub>	0,04 mm	Maximum bearing preload
	0,05 mm	Running accuracy A (related to the raceway)
	0,05 mm	Running accuracy B (related to the raceway)
	0,09 mm	Running accuracy C (related to the raceway)
	0,08 mm	Running accuracy D (related to the raceway)

## Temperature range








$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	80 °C	Operating temperature max.



### Calculation factors

$C_a$	275.000 N	Basic dynamic load rating, axial
$C_r$	195.000 N	Basic dynamic load rating, radial (for radial load only)
$C_{0a}$	970.000 N	Basic static load rating, axial
$C_{0r}$	475.000 N	Basic static load rating, radial (for radial load only)
$n_G$	51 1/min	Limiting speed
$F_{r zu.}$	165.200 N	Max. radial load screws

### 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