

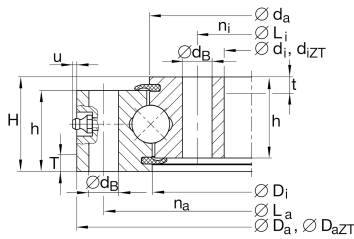


### VU200260-RL0

Slewing ring, 4 point contact bearing, without gear teeth

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

## Technical information



### Your current product variant

|                           |     |   |
|---------------------------|-----|---|
| Radial internal clearance | RL0 | Radial clearance 0 to 0,05; axial tilting clearance 0 to 0,08 |
|---------------------------|-----|---|

### Main Dimensions & Performance Data

|             |           |   |
|-------------|-----------|---|
| $d_i$       | 191 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                                    |
| $D_a$       | 329 mm    | Outside Diameter                          |
|             | 0,8 mm    | Outside diameter lower tolerance          |
|             | 0,8 mm    | Outside diameter upper tolerance          |
| $h_a$       | 41 mm     | Width outer ring                          |
| $h_i$       | 41 mm     | Width inner ring                          |
| $\approx m$ | 14,936 kg | Weight                                    |



## Dimensions

|                   |          |   |
|-------------------|----------|---|
| $D_i$             | 259 mm   | Inner diameter outer ring                         |
| $d_a$             | 261 mm   | Outside diameter inner ring                       |
| $d_B$             | 14 mm    | Fixing bore                                       |
| $L_a$             | 305 mm   | Pitchcircle diameter fixing holes outer ring      |
| $n_a$             | 20       | Number of fixing holes in outer ring              |
| $L_i$             | 215 mm   | Pitchcircle diameter fixing holes inner ring      |
| $n_i$             | 20       | Number of fixing holes in inner ring              |
| $F_{r\text{zul}}$ | 82.600 N | Max. radial load fixing screws (friction locking) |
| $u_{\text{max}}$  | 2 mm     | Max. protrusion lubrication nipple                |








## Temperature range

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

## Calculation factors

|          |           |  |
|----------|-----------|--|
| $C_a$    | 174.000 N | Basic dynamic load rating, axial                         |
| $C_{0a}$ | 620.000 N | Basic static load rating, axial                          |
| $C_r$    | 159.000 N | Basic dynamic load rating, radial (for radial load only) |
| $C_{0r}$ | 280.000 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                |