

**RSL185032-A** [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing RSL18, full complement roller set, two-row, semi-locating bearing, no outer ring, 3 ribs on inner ring, type RSL18

Technical information



Your current product variant

| | | |
|-----------------|----|-------------------------|
| Design | A | Internal Variant Cage A |
| Tolerance class | PN | Normal (ISO 492:2023) |
| Number of rows | 2 | Double-row design |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|-----------------------------------|
| d | 160 mm | Rib diameter inner ring |
| E _w | 224,8 mm | Outer envelope circle |
| B | 109 mm | Width |
| C _r | 930.000 N | Basic dynamic load rating, radial |
| C _{0r} | 1.610.000 N | Basic static load rating, radial |
| C _{ur} | 210.000 N | Fatigue load limit, radial |
| n _G | 1.600 1/min | Limiting speed |
| n _{gr} | 1.030 1/min | Reference speed |
| m | 11,02 kg | Weight |

Mounting dimensions

| | | |
|--------------------|--------|---------------------------------|
| d _{a min} | 185 mm | Minimum diameter shaft shoulder |
|--------------------|--------|---------------------------------|

Dimensions

| | | |
|------------------|--------|---------------------------|
| r _{min} | 2,1 mm | Minimum chamfer dimension |
| X | 86 mm | Raceway width |



Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed