

**RSL182313-A-2S**

Cylindrical roller bearing



Cylindrical roller bearing RSL1823, full complement roller set, single row, non-locating bearing, no outer ring, 2 ribs on inner ring, type RSL18

Technical information



Your current product variant

| | | |
|----------------|---|-------------------------|
| Design | A | Internal Variant Cage A |
| Number of rows | 1 | Single-row design |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|-----------------------------------|
| d | 65 mm | Bore diameter |
| E _w | 126,69 mm | Outer envelope circle |
| B | 48 mm | Width |
| C _r | 310.000 N | Basic dynamic load rating, radial |
| C _{0r} | 345.000 N | Basic static load rating, radial |
| C _{ur} | 55.000 N | Fatigue load limit, radial |
| n _G | 3.200 1/min | Limiting speed |
| m | 2,333 kg | Weight |

Mounting dimensions

| | | |
|--------------------|-------|---------------------------------|
| d _{a min} | 90 mm | Minimum diameter shaft shoulder |
| X | 22 mm | Raceway width |

Dimensions

| | | |
|------------------|-----------|---------------------------------|
| r _{min} | 2,1 mm | Minimum chamfer dimension |
| d ₁ | 90 mm | Maximum rib diameter inner ring |
| T _K | 103,69 mm | Pitch circle |



Temperature range

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

T_{\max} 120 °C Operating temperature max.

Characteristics



Radial load



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed