

**RSL185014-A-2S**

## 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
Number of rows	2	Double-row design

**Main Dimensions & Performance Data**

d	70 mm	Rib diameter inner ring
E <sub>w</sub>	100,28 mm	Outer envelope circle
B	54 mm	Width
C <sub>r</sub>	233.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	350.000 N	Basic static load rating, radial
C <sub>ur</sub>	48.500 N	Fatigue load limit, radial
n <sub>G</sub>	3.750 1/min	Limiting speed
n <sub>gr</sub>	2.500 1/min	Reference speed
≈m	1.136,4 g	Weight

**Mounting dimensions**

d <sub>a min</sub>	81,5 mm	Minimum diameter shaft shoulder
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**Dimensions**

r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
X	42 mm	Raceway width



### Temperature range

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

### Characteristics

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