

**RSL185022-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 &amp; Performance Data

d	110 mm	Rib diameter inner ring
E <sub>w</sub>	156,13 mm	Outer envelope circle
B	80 mm	Width
C <sub>r</sub>	485.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	770.000 N	Basic static load rating, radial
C <sub>ur</sub>	111.000 N	Fatigue load limit, radial
n <sub>G</sub>	2.350 1/min	Limiting speed
n <sub>gr</sub>	1.730 1/min	Reference speed
m	3,98 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	128 mm	Minimum diameter shaft shoulder
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## Dimensions





r <sub>min</sub>	2 mm	Minimum chamfer dimension
X	62 mm	Raceway width



### Temperature range

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

### Characteristics

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