

**RSL185008-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	40 mm	Rib diameter inner ring
E _w	61,74 mm	Outer envelope circle
B	38 mm	Width
C _r	100.000 N	Basic dynamic load rating, radial
C _{0r}	133.000 N	Basic static load rating, radial
C _{ur}	18.400 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	4.150 1/min	Reference speed
m	351,5 g	Weight

Mounting dimensions

d _{a min}	50,5 mm	Minimum diameter shaft shoulder
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Dimensions

r _{min}	1 mm	Minimum chamfer dimension
X	30 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