

**RSL185010-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	50 mm	Rib diameter inner ring
E _w	72,33 mm	Outer envelope circle
B	40 mm	Width
C _r	134.000 N	Basic dynamic load rating, radial
C _{0r}	188.000 N	Basic static load rating, radial
C _{ur}	24.800 N	Fatigue load limit, radial
n _G	5.300 1/min	Limiting speed
n _{gr}	3.300 1/min	Reference speed
m	460,5 g	Weight

Mounting dimensions

d _{a min}	59,5 mm	Minimum diameter shaft shoulder
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Dimensions

r _{min}	1 mm	Minimum chamfer dimension
X	33 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