

**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