

**RSL182311-A**

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	55 mm	Bore diameter
E _w	109,1 mm	Outer envelope circle
B	43 mm	Width
C _r	238.000 N	Basic dynamic load rating, radial
C _{0r}	250.000 N	Basic static load rating, radial
C _{ur}	39.500 N	Fatigue load limit, radial
n _G	3.750 1/min	Limiting speed
m	1,57 kg	Weight

Mounting dimensions

d _{a min}	75,5 mm	Minimum diameter shaft shoulder
X	30 mm	Raceway width

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
d ₁	75,5 mm	Maximum rib diameter inner ring
T _K	88,1 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