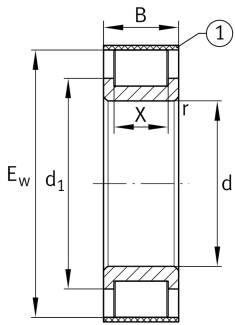


**RSL182315-A-2S**

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	75 mm	Bore diameter
E _w	143,22 mm	Outer envelope circle
B	55 mm	Width
C _r	405.000 N	Basic dynamic load rating, radial
C _{0r}	465.000 N	Basic static load rating, radial
C _{ur}	72.000 N	Fatigue load limit, radial
n _G	2.800 1/min	Limiting speed
≈m	3,385 kg	Weight

Mounting dimensions

d _{a min}	102 mm	Minimum diameter shaft shoulder
X	40 mm	Raceway width

Dimensions

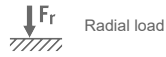
r _{min}	2,1 mm	Minimum chamfer dimension
d ₁	102 mm	Maximum rib diameter inner ring
T _K	117,22 mm	Pitch circle



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