

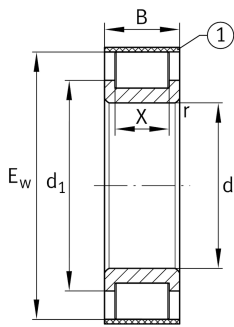
**RSL182320-A**

## 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
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	100 mm	Bore diameter
E <sub>w</sub>	187,3 mm	Outer envelope circle
B	73 mm	Width
C <sub>r</sub>	700.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	850.000 N	Basic static load rating, radial
C <sub>ur</sub>	122.000 N	Fatigue load limit, radial
n <sub>G</sub>	2.110 1/min	Limiting speed
≈m	7,65 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	133 mm	Minimum diameter shaft shoulder
X	55 mm	Raceway width








### Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$d_1$	133 mm	Maximum rib diameter inner ring
$T_K$	156,3 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