

**RSL182315-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	75 mm	Bore diameter
E <sub>w</sub>	143,22 mm	Outer envelope circle
B	55 mm	Width
C <sub>r</sub>	405.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	465.000 N	Basic static load rating, radial
C <sub>ur</sub>	72.000 N	Fatigue load limit, radial
n <sub>G</sub>	2.800 1/min	Limiting speed
≈m	3,385 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	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