

**RSL182308-A-XL**

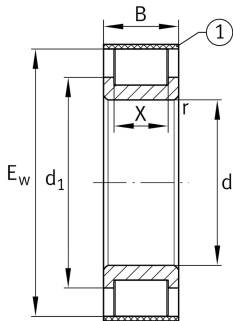
## Cylindrical roller bearing



Cylindrical roller bearing RSL1823..-XL, full complement roller set, single row, non-locating bearing, no outer ring, 2 ribs on inner ring, type RSL18

X-life

## Technical information



## Your current product variant

Tolerance class	PN	Normal (PN)
Number of rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	40 mm	Bore diameter
E <sub>w</sub>	83,12 mm	Outer envelope circle
B	33 mm	Width
C <sub>r</sub>	170.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	153.000 N	Basic static load rating, radial
C <sub>ur</sub>	29.000 N	Fatigue load limit, radial
n <sub>G</sub>	5.800 1/min	Limiting speed
≈m	0,728 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	50,5 mm	Minimum diameter shaft shoulder
X	24 mm	Raceway width

## Dimensions

r <sub>min</sub>	1,5 mm	Minimum chamfer dimension
d <sub>1</sub>	50,5 mm	Maximum rib diameter inner ring
T <sub>K</sub>	67,12 mm	Pitch circle



### Temperature range

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
$T_{min}$  -30 °C Operating temperature min.

$T_{max}$  120 °C Operating temperature max.

### Characteristics

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 Radial load

 Axial load in two directions

 Grease Lubrication

 Oil Lubrication

 Not sealed