

**RSL183010-A-XL**

## Cylindrical roller bearing

Cylindrical roller bearing RSL1830..-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 rolling element rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	50 mm	Bore diameter
E <sub>w</sub>	72,33 mm	Outer envelope circle
B	23 mm	Width
C <sub>r</sub>	88.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	94.000 N	Basic static load rating, radial
C <sub>ur</sub>	15.300 N	Fatigue load limit, radial
n <sub>G</sub>	6.100 1/min	Limiting speed
≈m	250 g	Weight

## Mounting dimensions

d <sub>a min</sub>	59,1 mm	Minimum diameter shaft shoulder
X	14 mm	Raceway width



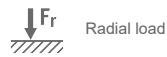
### Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
$d_1$	59,1 mm	Maximum rib diameter inner ring
$T_K$	63,33 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