

**RSL182210-A-XL**

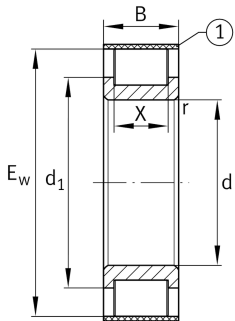
## Cylindrical roller bearing



Cylindrical roller bearing RSL18.-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 (ISO 492:2023)
Number of rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	50 mm	Bore diameter
E <sub>w</sub>	81,4 mm	Outer envelope circle
B	23 mm	Width
C <sub>r</sub>	109.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	111.000 N	Basic static load rating, radial
C <sub>ur</sub>	18.500 N	Fatigue load limit, radial
n <sub>G</sub>	4.750 1/min	Limiting speed
≈m	400 g	Weight

## Mounting dimensions

d <sub>a min</sub>	64,4 mm	Minimum diameter shaft shoulder
X	15 mm	Raceway width

## Dimensions

r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
d <sub>1</sub>	64,4 mm	Maximum rib diameter inner ring
T <sub>K</sub>	70,4 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

 Grease Lubrication

 Oil Lubrication

 Not sealed