

**RSL182205-A-XL**

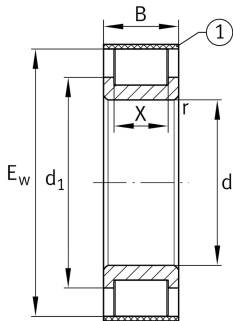
## Cylindrical roller bearing



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 (PN)
Number of rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	25 mm	Bore diameter
E <sub>w</sub>	46,52 mm	Outer envelope circle
B	18 mm	Width
C <sub>r</sub>	51.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	44.500 N	Basic static load rating, radial
C <sub>ur</sub>	7.500 N	Fatigue load limit, radial
n <sub>G</sub>	10.300 1/min	Limiting speed
≈m	116,18 g	Weight

## Mounting dimensions

d <sub>a min</sub>	35,3 mm	Minimum diameter shaft shoulder
X	12 mm	Raceway width

## Dimensions

r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
d <sub>1</sub>	35,3 mm	Maximum rib diameter inner ring
T <sub>K</sub>	38,52 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