

**RSL183014-A-XL**

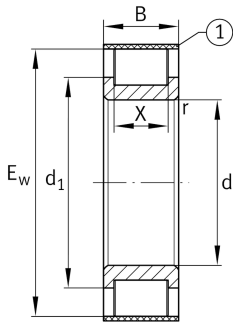
Cylindrical roller bearing



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 (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	70 mm	Bore diameter
E _w	100,28 mm	Outer envelope circle
B	30 mm	Width
C _r	153.000 N	Basic dynamic load rating, radial
C _{0r}	174.000 N	Basic static load rating, radial
C _{ur}	30.000 N	Fatigue load limit, radial
n _G	3.750 1/min	Limiting speed
≈m	0,6 kg	Weight

Mounting dimensions

d _{a min}	81,5 mm	Minimum diameter shaft shoulder
X	18 mm	Raceway width

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
d ₁	81,5 mm	Maximum rib diameter inner ring
T _K	88,28 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