

**RSL183006-A-XL**

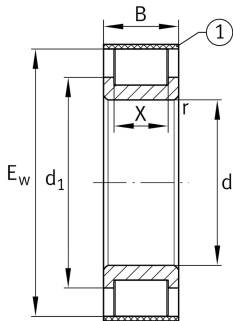
Cylindrical roller bearing



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 rows	1	Single-row design

Main Dimensions & Performance Data

d	30 mm	Bore diameter
E _w	49,6 mm	Outer envelope circle
B	19 mm	Width
C _r	45.000 N	Basic dynamic load rating, radial
C _{0r}	42.000 N	Basic static load rating, radial
C _{ur}	7.600 N	Fatigue load limit, radial
n _G	9.300 1/min	Limiting speed
≈m	120,22 g	Weight

Mounting dimensions

d _{a min}	40 mm	Minimum diameter shaft shoulder
X	10 mm	Raceway width

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
d ₁	40 mm	Maximum rib diameter inner ring
T _K	42,6 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