

**RSL183007-A-XL**

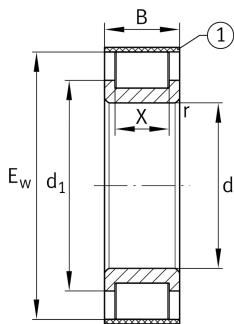
Cylindrical roller bearing



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	35 mm	Bore diameter
E _w	55,52 mm	Outer envelope circle
B	20 mm	Width
C _r	55.000 N	Basic dynamic load rating, radial
C _{0r}	53.000 N	Basic static load rating, radial
C _{ur}	9.600 N	Fatigue load limit, radial
n _G	8.200 1/min	Limiting speed
≈m	149,92 g	Weight

Mounting dimensions

d _{a min}	44,9 mm	Minimum diameter shaft shoulder
X	11 mm	Raceway width

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
d ₁	44,9 mm	Maximum rib diameter inner ring
T _K	48,02 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