

**RSL183012-A-XL-BR**

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

Number of rows	1	Single-row design
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Main Dimensions & Performance Data

d	60 mm	Bore diameter
E _w	86,74 mm	Outer envelope circle
B	26 mm	Width
C _r	123.000 N	Basic dynamic load rating, radial
C _{0r}	143.000 N	Basic static load rating, radial
C _{ur}	24.100 N	Fatigue load limit, radial
n _G	4.350 1/min	Limiting speed
≈m	440 g	Weight

Mounting dimensions

d _{a min}	71,1 mm	Minimum diameter shaft shoulder
X	17 mm	Raceway width

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
d ₁	71,1 mm	Maximum rib diameter inner ring
T _K	76,74 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