

**RSL183005-A-XL**

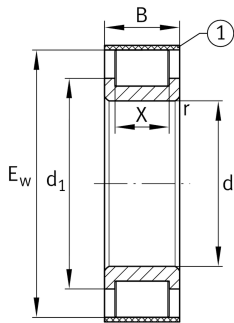
Cylindrical roller bearing



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 rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	25 mm	Bore diameter
E _w	42,51 mm	Outer envelope circle
B	16 mm	Width
C _r	35.000 N	Basic dynamic load rating, radial
C _{0r}	32.000 N	Basic static load rating, radial
C _{ur}	5.600 N	Fatigue load limit, radial
n _G	10.900 1/min	Limiting speed
≈m	80,22 g	Weight

Mounting dimensions

d _{a min}	34,6 mm	Minimum diameter shaft shoulder
X	9 mm	Raceway width



Dimensions

r_{\min}	0,6 mm	Minimum chamfer dimension
d_1	34,6 mm	Maximum rib diameter inner ring
T_K	36,51 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