

**RSL183005-A-XL**

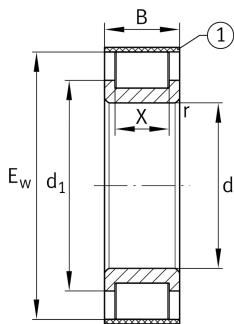
Cylindrical roller bearing



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 (ISO 492:2023)
Number of 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