

**RSL183015-A-XL**

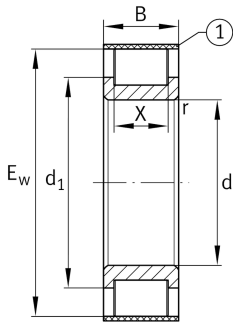
Cylindrical roller bearing



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	75 mm	Bore diameter
E _w	107,9 mm	Outer envelope circle
B	30 mm	Width
C _r	162.000 N	Basic dynamic load rating, radial
C _{0r}	192.000 N	Basic static load rating, radial
C _{ur}	33.000 N	Fatigue load limit, radial
n _G	3.950 1/min	Limiting speed
≈m	0,72 kg	Weight

Mounting dimensions

d _{a min}	89 mm	Minimum diameter shaft shoulder
X	18 mm	Raceway width

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
d ₁	89 mm	Maximum rib diameter inner ring
T _K	95,9 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