

**RSL182204-A-XL**

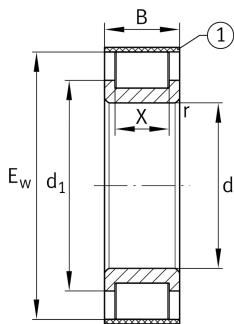
Cylindrical roller bearing

Cylindrical roller bearing RSL18.-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	20 mm	Bore diameter
E _w	41,47 mm	Outer envelope circle
B	18 mm	Width
C _r	45.500 N	Basic dynamic load rating, radial
C _{0r}	37.000 N	Basic static load rating, radial
C _{ur}	6.200 N	Fatigue load limit, radial
n _G	12.000 1/min	Limiting speed
≈m	98,35 g	Weight

Mounting dimensions

d _{a min}	30,3 mm	Minimum diameter shaft shoulder
X	12 mm	Raceway width

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
d ₁	30,3 mm	Maximum rib diameter inner ring
T _K	33,47 mm	Pitch circle




Temperature range

T_{min} -30 °C Operating temperature min.

T_{max} 120 °C Operating temperature max.

Characteristics

 Radial load

 Grease Lubrication

 Oil Lubrication

 Not sealed