

**RSL182210-A-XL**

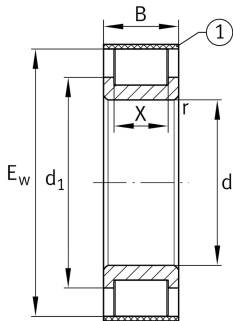
Cylindrical roller bearing



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	50 mm	Bore diameter
E _w	81,4 mm	Outer envelope circle
B	23 mm	Width
C _r	109.000 N	Basic dynamic load rating, radial
C _{0r}	111.000 N	Basic static load rating, radial
C _{ur}	18.500 N	Fatigue load limit, radial
n _G	4.750 1/min	Limiting speed
≈m	400 g	Weight

Mounting dimensions

d _{a min}	64,4 mm	Minimum diameter shaft shoulder
X	15 mm	Raceway width

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
d ₁	64,4 mm	Maximum rib diameter inner ring
T _K	70,4 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