



RSL183006-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

Informacje techniczne



Twoja aktualna wersja produktu

Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	30 mm	Bore diameter
E _w	49,6 mm	Outer envelope circle
B	19 mm	Width
C _r	45.000 N	Basic dynamic load rating, radial
C _{0r}	42.000 N	Basic static load rating, radial
C _{ur}	7.600 N	Fatigue load limit, radial
n _G	9.300 1/min	Limiting speed
≈m	120,22 g	Masa

Mounting dimensions

d _{a min}	40 mm	Minimum diameter shaft shoulder
X	10 mm	Raceway width

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
d ₁	40 mm	Maximum rib diameter inner ring
T _K	42,6 mm	Pitch circle



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Właściwości



Obciążenie promieniowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia