



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

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	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	Masa

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.

Właściwości



Obciążenie promieniowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia