

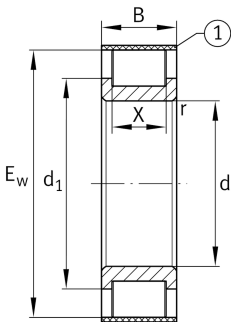


RSL183018-A

Cylindrical roller bearing

Cylindrical roller bearing RSL1830, full complement roller set, single row, non-locating bearing, no outer ring, 2 ribs on inner ring, type RSL18

Informacje techniczne



Twoja aktualna wersja produktu

Design	A	Internal Variant Cage A
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	90 mm	Bore diameter
E _w	130,11 mm	Outer envelope circle
B	37 mm	Width
C _r	205.000 N	Basic dynamic load rating, radial
C _{0r}	275.000 N	Basic static load rating, radial
C _{ur}	41.000 N	Fatigue load limit, radial
n _G	2.850 1/min	Limiting speed
≈m	1,288 kg	Masa

Mounting dimensions

d _{a min}	106,5 mm	Minimum diameter shaft shoulder
X	22 mm	Raceway width



Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
d_1	106,5 mm	Maximum rib diameter inner ring
T_K	115,11 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