

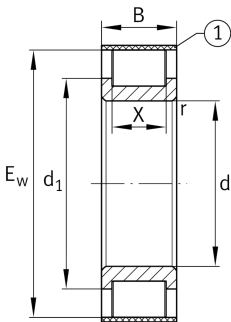


RSL182216-A

Cylindrical roller bearing

Cylindrical roller bearing RSL18, 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	80 mm	Bore diameter
E _w	125,81 mm	Outer envelope circle
B	33 mm	Width
C _r	223.000 N	Basic dynamic load rating, radial
C _{0r}	280.000 N	Basic static load rating, radial
C _{ur}	41.500 N	Fatigue load limit, radial
n _G	3.000 1/min	Limiting speed
≈m	1,315 kg	Masa

Mounting dimensions

d _{a min}	98,5 mm	Minimum diameter shaft shoulder
X	24 mm	Raceway width



Dimensions

r_{min}	2 mm	Minimum chamfer dimension
d_1	98,5 mm	Maximum rib diameter inner ring

T_K	108,81 mm	Pitch circle
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Temperature range

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

-  Obciążenie promieniowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia