



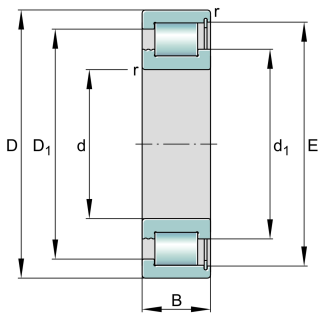
SL182918-B-XL

Cylindrical roller bearing

Cylindrical roller bearing SL18, full complement roller set, single row, semi-locating bearing, 1 rib on outer ring, 2 ribs on inner ring, type SL18

X-life

Informacje techniczne

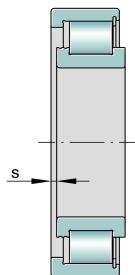


Twoja aktualna wersja produktu

Design	B	Internal Variant B
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	125 mm	Outside diameter
B	22 mm	Width
C _r	122.000 N	Basic dynamic load rating, radial
C _{0r}	169.000 N	Basic static load rating, radial
C _{ur}	27.000 N	Fatigue load limit, radial
n _G	3.550 1/min	Limiting speed
n _{gr}	2.050 1/min	Reference speed
≈m	0,801 kg	Masa





Mounting dimensions

d _{a min}	102 mm	Minimum diameter shaft shoulder
d _{c min}	102 mm	Minimum shaft shoulder
D _{a max}	110,5 mm	Maximum diameter of housing shoulder
D _{e min}	115,5 mm	Minimum diameter of housing shoulder
r _{a max}	1,1 mm	Maximum recess radius
E	115,8 mm	Raceway diameter outer ring

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
d ₁	102 mm	Maximum rib diameter inner ring
D _{1 min}	110,7 mm	Minimum rib diameter outer ring

Temperature range

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

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia