



SL183006-A-XL

Cylindrical roller bearing

Cylindrical roller bearing SL18, full complement roller set, two-row, semi-locating bearing, 1 rib on outer ring, 3 ribs on inner ring, type SL18

X-life

Informacje techniczne

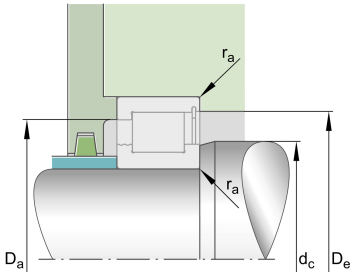


Twoja aktualna wersja produktu

Design	A	Internal Variant A
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	30 mm	Bore diameter
D	55 mm	Outside diameter
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
n _{gr}	5.600 1/min	Reference speed
≈m	188,35 g	Masa





Mounting dimensions

d a min	40 mm	Minimum diameter shaft shoulder
d c min	40 mm	Minimum shaft shoulder
D a max	45 mm	Maximum diameter of housing shoulder
D e min	49,5 mm	Minimum diameter of housing shoulder
r a max	1 mm	Maximum recess radius
E	49,6 mm	Raceway diameter outer ring

Dimensions

r min	1 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d 1	40 mm	Maximum rib diameter inner ring
D 1 min	45,4 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