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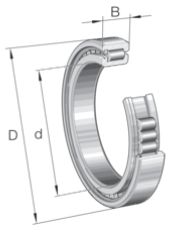


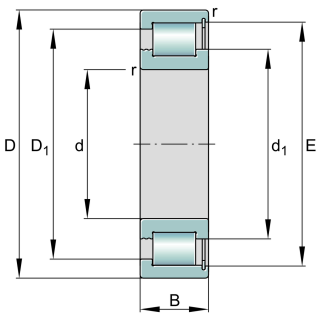
SL183012-A-XL-C3

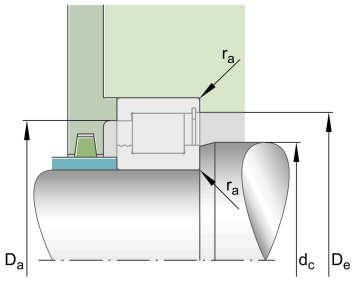
Cylindrical roller bearing

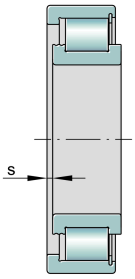
Cylindrical roller bearing SL18, full complement roller set, two-row, semi-locating bearing, 1 rib on outer ring, 3 ribs on inner ring, type SL18

X-life

Technical information







Your current product variant

Design	A	Internal Variant A
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (PN)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	95 mm	Outside diameter
B	26 mm	Width
C_r	123.000 N	Basic dynamic load rating, radial
C_{0r}	143.000 N	Basic static load rating, radial
C_{ur}	24.100 N	Fatigue load limit, radial
n_G	5.000 1/min	Limiting speed
$n_{\vartheta r}$	3.000 1/min	Reference speed
≈m	0,668 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Mounting dimensions

$d_{a\ min}$	71,7 mm	Minimum diameter shaft shoulder
$d_{c\ min}$	71,5 mm	Minimum shaft shoulder
$D_{a\ max}$	82 mm	Maximum diameter of housing shoulder
$D_{e\ min}$	86,5 mm	Minimum diameter of housing shoulder
$r_{a\ max}$	1,1 mm	Maximum recess radius
E	86,7 mm	Raceway diameter outer ring

Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d_1	71,7 mm	Maximum rib diameter inner ring
$D_{1\ min}$	82,1 mm	Minimum rib diameter outer ring

Temperature range

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

Characteristics

- Radial load
- Axial load in one direction
- Grease Lubrication
- Oil Lubrication
- Not sealed

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