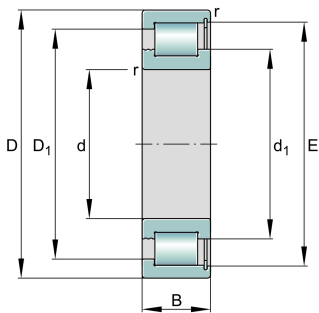
**SL183010-A-XL**

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

Technical information

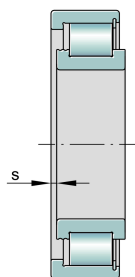
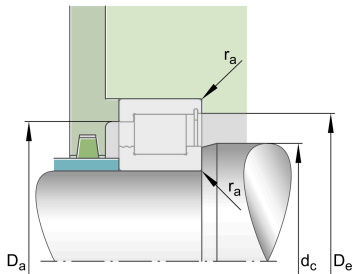


Your current product variant

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	50 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
C _r	88.000 N	Basic dynamic load rating, radial
C _{0r}	94.000 N	Basic static load rating, radial
C _{ur}	15.300 N	Fatigue load limit, radial
n _G	6.100 1/min	Limiting speed
n _{gr}	3.700 1/min	Reference speed
≈m	418,66 g	Weight





Mounting dimensions

d a min	59,1 mm	Minimum diameter shaft shoulder
d c min	59 mm	Minimum shaft shoulder
D a max	67,5 mm	Maximum diameter of housing shoulder
D e min	72 mm	Minimum diameter of housing shoulder
r a max	1 mm	Maximum recess radius
E	72,3 mm	Raceway diameter outer ring

Dimensions

r min	1 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d 1	59,1 mm	Maximum rib diameter inner ring
D 1 min	67,7 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