

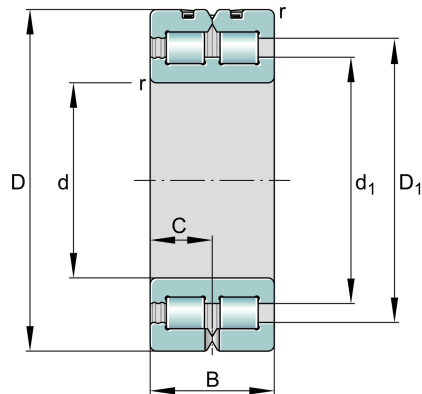
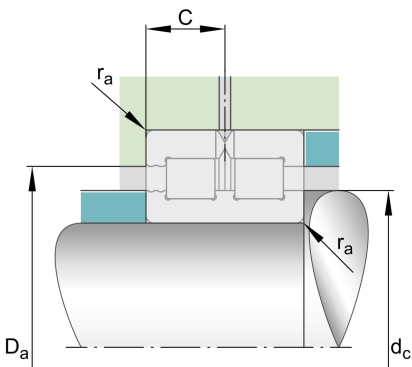
SL014916-A-C3

Cylindrical roller bearing

Schaeffler ID:
0001211850030

Cylindrical roller bearings SL0149, locating bearing, double row, full complement cylindrical roller set, dimension series 49

Technical information



Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	110 mm	Outside diameter
B	30 mm	Width
C _r	112.000 N	Basic dynamic load rating, radial
C _{0r}	206.000 N	Basic static load rating, radial
C _{ur}	30.500 N	Fatigue load limit, radial
n _G	3.550 1/min	Limiting speed
n _{gr}	2.090 1/min	Reference speed
≈m	0,859 kg	Weight

Mounting dimensions

r _{a max}	1 mm	Maximum recess radius
d _{a min}	91,4 mm	Minimum diameter shaft shoulder
D _{a max}	96,5 mm	Maximum diameter of housing shoulder

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
d ₁	91,4 mm	Maximum rib diameter inner ring
D _{1 min}	96,2 mm	Minimum rib diameter outer ring
d _{c min}	91 mm	Minimum shaft shoulder
C	15 mm	Distance to lubrication hole

Temperature range

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

Additional information

NNC4916V	Bearing designation DIN5412
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