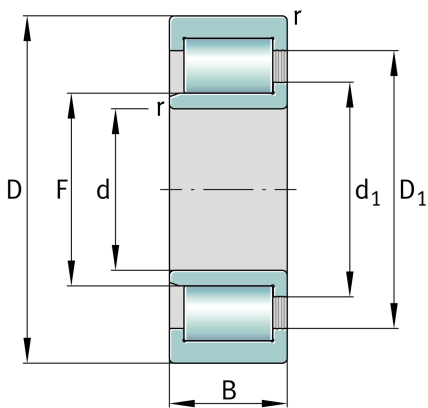


SL192309-XL
Cylindrical roller bearing

Technical information



Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	36 mm	Width
C _r	181,000 N	Basic dynamic load rating, radial
C _{0r}	164,000 N	Basic static load rating, radial
C _{ur}	31,000 N	Fatigue load limit, radial
n _G	4,600 1/min	Limiting speed
n _{gr}	3,000 1/min	Reference speed

Dimensions

D ₁	80.3 mm	Shoulder diameter outer ring
D _{a max}	80 mm	Maximum diameter of housing shoulder
d ₁	62.5 mm	Shoulder diameter inner ring
d _{a min}	56 mm	Minimum diameter shaft shoulder
d _{c min}	62.5 mm	Minimum shaft shoulder
F	56.1 mm	Raceway diameter inner ring
r _{a max}	1.5 mm	Maximum fillet radius
r _{min}	1.5 mm	Minimum chamfer dimension
s	3 mm	Axial displacement