

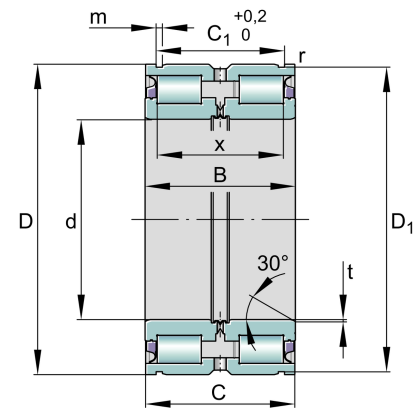
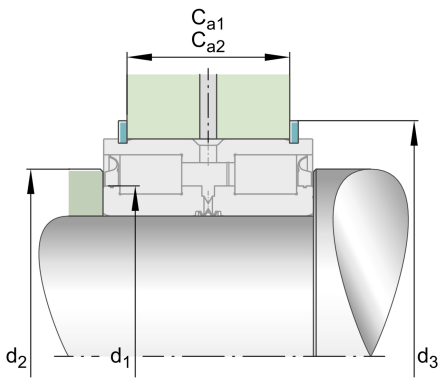
SL045020-D-PP

Cylindrical roller bearing

Schaeffler ID:
0861832140000

Cylindrical roller bearing SL04...-D-PP, full complement roller set, two-row, locating bearing, central rib on outer ring, 3 ribs on inner ring, type SL04

Technical information



Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	150 mm	Outside diameter
B	67 mm	Width
C _r	330,000 N	Basic dynamic load rating, radial
C _{0r}	550,000 N	Basic static load rating, radial
C _{ur}	79,000 N	Fatigue load limit, radial
n _{G Grease}	1,300 1/min	Limiting speed for grease lubrication
	3.74 kg	Weight

Dimensions

C	66 mm	Width, outer ring
C ₁	59.2 mm	Distance ring grooves
D ₁	147 mm	Diameter of groove
m	4.2 mm	Width of groove
r _{min}	0.6 mm	Minimum chamfer dimension
t	1.5 mm	Chamfer width
X	54 mm	Distance between rolling elements

Mounting dimensions

C _{a1}	54 mm	Mounting dim for snap ring WER (not included in delivery) Tolerance: 0/-0,2
C _{a2}	51 mm	Mounting dim for retaining ring to DIN 471 (not incl. In delivery) Tol: 0/-0,2
d ₁	117.5 mm	Rib diameter inner ring
d ₂	128 mm	Sealing diameter (rib)
d ₃	162 mm	Outside diameter of snap ring WRE
d _{1 min}	118 mm	Minimum diameter shaft shoulder
r _{a max}	0.6 mm	Maximum recess radius
	30 °	Chamfer angle
	-0.2 mm	Lower distance snap ring tolerance
	-0.2 mm	Lower distance retaining ring tolerance
	0.2 mm	Upper distance ring groove tolerance

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	80 °C	Operating temperature max.