

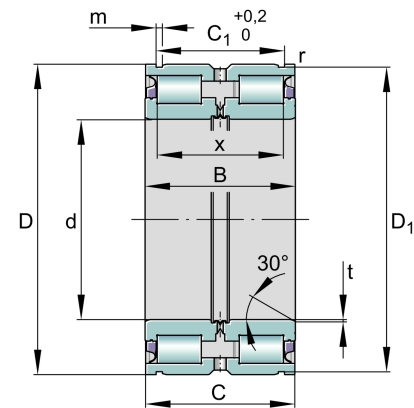
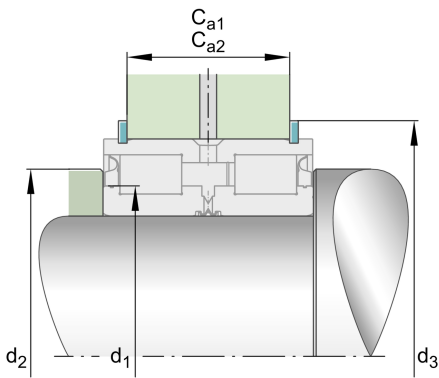
SL04200-D-PP

Cylindrical roller bearing

Schaeffler ID:  
0859308730000

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	200 mm	Bore diameter
D	270 mm	Outside diameter
B	80 mm	Width
C <sub>r</sub>	540,000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	1,210,000 N	Basic static load rating, radial
C <sub>ur</sub>	146,000 N	Fatigue load limit, radial
n <sub>G Grease</sub>	670 1/min	Limiting speed for grease lubrication
	12.354 kg	Weight

Dimensions

C	79 mm	Width, outer ring
C <sub>1</sub>	73.2 mm	Distance ring grooves
D <sub>1</sub>	264 mm	Diameter of groove
m	5.2 mm	Width of groove
r <sub>min</sub>	0.6 mm	Minimum chamfer dimension
t	1.8 mm	Chamfer width
X	64 mm	Distance between rolling elements

Mounting dimensions

C <sub>a1</sub>	65 mm	Mounting dim for snap ring WER (not included in delivery) Tolerance: 0/-0,2
C <sub>a2</sub>	63 mm	Mounting dim for retaining ring to DIN 471 (not incl. In delivery) Tol: 0/-0,2
d <sub>1</sub>	227.5 mm	Rib diameter inner ring
d <sub>2</sub>	241 mm	Sealing diameter (rib)
d <sub>3</sub>	292 mm	Outside diameter of snap ring WRE
d <sub>1 min</sub>	227.5 mm	Minimum diameter shaft shoulder
r <sub>a max</sub>	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 <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	80 °C	Operating temperature max.