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SCHAEFFLER



SL045007-PP-2NR

Cylindrical roller bearing

Cylindrical roller bearing SL04..-PP-2NR, full complement roller set, two-row, locating bearing, central rib on outer ring, 3 ribs on inner ring, type SL04

Schaeffler ID
0015478600000

Technical information

Your current product variant

Sealing	PP	Contact Seal on both sides
Holding Rings	2NR	Two retaining rings included
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	62 mm	Outside diameter
B	36 mm	Width
C_r	63,000 N	Basic dynamic load rating, radial
C_{0r}	88,000 N	Basic static load rating, radial
C_{ur}	12,600 N	Fatigue load limit, radial
n_G Grease	3,550 1/min	Limiting speed for grease lubrication
≈m	0.463 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website

Mounting dimensions

C_{a1}	27 mm	Mounting dim for snap ring WRE (not included in delivery) Tolerance: 0/-0,2
C_{a2}	26 mm	Mounting dim for retaining ring to DIN 471 (not incl. In delivery) Tol: 0/-0,2
d_1	46.5 mm	Rib diameter inner ring
d_2	50 mm	Sealing diameter (rib)
d_3	67 mm	Outside diameter of snap ring WRE
$d_{1\ min}$	46.5 mm	Minimum diameter shaft shoulder
	30 °	Chamfer angle
	-0.2 mm	Lower distance snap ring tolerance
	-0.2 mm	Lower distance retaining ring tolerance
	0 mm	Upper distance snap ring tolerance
	0 mm	Upper distance retaining ring tolerance
	0 mm	Lower distance ring groove tolerance
	0.2 mm	Upper distance ring groove tolerance

Dimensions

C	35 mm	Width, outer ring
C_1	30.2 mm	Distance ring grooves
D_1	60 mm	Diameter of groove
m	2.1 mm	Width of groove
r_{min}	0.3 mm	Minimum chamfer dimension
t	0.5 mm	Chamfer width
X	27.5 mm	Distance between rolling elements

Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	80 °C	Operating temperature max.

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