

**SL045044-D-PP-C3**

Cylindrical roller bearing

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



Your current product variant

Design	D	New outer Contour
Type of seal	PP	Contact Seal on both sides
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (PN)
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	340 mm	Outside diameter
B	160 mm	Width
C_r	1.570.000 N	Basic dynamic load rating, radial
C_{0r}	3.050.000 N	Basic static load rating, radial
C_{ur}	370.000 N	Fatigue load limit, radial
n_G Grease	560 1/min	Limiting speed for grease lubrication
$\approx m$	51,025 kg	Weight



Mounting dimensions

C _{a1}	130 mm	Mounting dim for snap ring WRE (not included in delivery) Tolerance: 0/-0,2
C _{a2}	126 mm	Mounting dim for retaining ring to DIN 471 (not incl. In delivery) Tol: 0/-0,2
d ₁	260 mm	Rib diameter inner ring
d ₂	286 mm	Sealing diameter (rib)
d ₃	366 mm	Outside diameter of snap ring WRE
d _{1 min}	260,5 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	159 mm	Width, outer ring
C ₁	138,2 mm	Distance ring grooves
D ₁	334 mm	Diameter of groove
m	6,3 mm	Width of groove
r _{min}	1 mm	Minimum chamfer dimension
t	2 mm	Chamfer width
X	132 mm	Distance between rolling elements

Temperature range

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



Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Large bearing