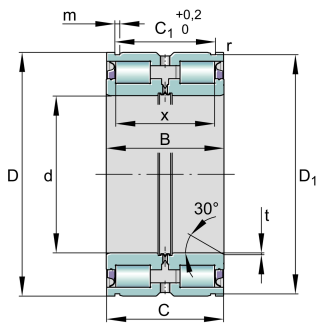
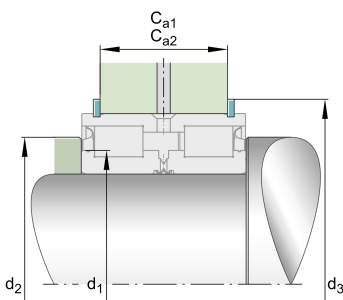


**SL045060-D-PP-RR-C4-GA22** [↗](#)**Cylindrical roller bearing**

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	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	300 mm	Bore diameter
D	460 mm	Outside diameter
B	218 mm	Width
C_r	3.000.000 N	Basic dynamic load rating, radial
C_{0r}	5.800.000 N	Basic static load rating, radial
C_{ur}	650.000 N	Fatigue load limit, radial
n_G Grease	415 1/min	Limiting speed for grease lubrication
$\approx m$	123,4 kg	Weight



Mounting dimensions

C _{a1}	176 mm	Mounting dim for snap ring WRE (not included in delivery) Tolerance: 0/-0,2
C _{a2}	171 mm	Mounting dim for retaining ring to DIN 471 (not incl. In delivery) Tol: 0/-0,2
d ₁	347 mm	Rib diameter inner ring
d ₂	375 mm	Sealing diameter (rib)
d ₃	493 mm	Outside diameter of snap ring WRE
d _{1 min}	347 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	216 mm	Width, outer ring
C ₁	185,2 mm	Distance ring grooves
D ₁	453 mm	Diameter of groove
m	7,3 mm	Width of groove
r _{min}	1,1 mm	Minimum chamfer dimension
t	3 mm	Chamfer width
X	170 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