

**FAG****N310-E-XL-TVP2** [↗](#)

Zylinderrollenlager

Cylindrical roller bearing N3..-E-TVP2, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N3

Technische Informationen



Your current product variant

Käfig	TVP2	Massiver Fensterkäfig aus PA66
Toleranzklasse	PN	Normal (ISO 492:2023)
Änderungskennzeichen	E	Verstärkte Ausführung
Radialluft	CN (Gruppe N)	Lagerluft normal
Anzahl Wälzkörper-Reihen	1	Einreihig

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	27 mm	Width
C _r	128.000 N	Basic dynamic load rating, radial
C _{0r}	110.000 N	Basic static load rating, radial
C _{ur}	20.400 N	Fatigue load limit, radial
n _{G Grease}	7.600 1/min	Limiting speed for grease lubrication
n _{G Oil}	8.900 1/min	Limiting speed for oil lubrication
≈m	1,13 kg	Weight

Mounting dimensions

d _a	61 mm	Diameter shaft shoulder
D _a	99 mm	Diameter of housing shoulder
r _{a1 max}	2 mm	Maximum recess radius



Dimensions

$r_{1 \text{ min}}$	2 mm	Minimum chamfer dimension
s_1	1,7 mm	Axial displacement
E	97 mm	Raceway diameter outer ring

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Characteristics

-  F_r Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed