

**FAG****N203-E-XL-TVP2** [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing N2..-E-TVP, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N2

Technical information

**Your current product variant**

Cage	TVP2	Solid Window Cage made from PA66
Tolerance class	PN	Normal (PN)
Change mark	E	Increased Capacity Design
Radial internal clearance	CN (Group N)	Normal internal clearance
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	40 mm	Outside diameter
B	12 mm	Width
C _r	20.800 N	Basic dynamic load rating, radial
C _{0r}	14.600 N	Basic static load rating, radial
C _{ur}	2.230 N	Fatigue load limit, radial
n _{G Grease}	22.400 1/min	Limiting speed for grease lubrication
n _{G Oil}	26.500 1/min	Limiting speed for oil lubrication
≈m	0,068 kg	Weight



Mounting dimensions

d_a	21 mm	Diameter shaft shoulder
D_a	36 mm	Diameter of housing shoulder
$r_{a1 \max}$	0,6 mm	Maximum recess radius





Dimensions

$r_{1 \min}$	0,3 mm	Minimum chamfer dimension
s_1	1,2 mm	Axial displacement
E	35,1 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