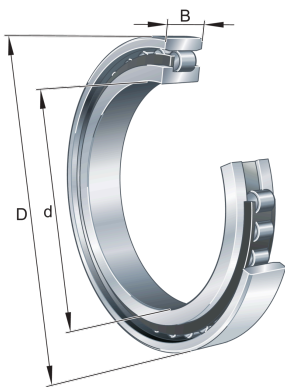


**FAG****N204-E-XL-TVP2** [↗](#)

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	20 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
C _r	32.500 N	Basic dynamic load rating, radial
C _{0r}	24.700 N	Basic static load rating, radial
C _{ur}	3.950 N	Fatigue load limit, radial
n _{G Grease}	18.700 1/min	Limiting speed for grease lubrication
n _{G Oil}	22.000 1/min	Limiting speed for oil lubrication
≈m	112 g	Weight



Mounting dimensions

d_a	24 mm	Diameter shaft shoulder
D_a	41 mm	Diameter of housing shoulder
$r_{a1 \max}$	1 mm	Maximum recess radius





Dimensions

$r_{1 \min}$	0,6 mm	Minimum chamfer dimension
s_1	0,8 mm	Axial displacement
E	41,5 mm	Raceway diameter outer ring

Temperature range

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

Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed