

Cylindrical roller bearings N209-E-XL-TVP2 (Series N2..-E)

main dimensions to DIN 5412-1, non-locating bearing, separable, with cage

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	45 mm
D	85 mm
B	19 mm
d1	59 mm
Da max	78 mm
da min	52 mm
Db min	78 mm
Dc max	75 mm
E	76,5 mm
F	54,5 mm
r1 min	1,1 mm

$r_{a1 \max}$	1 mm	
$r_a \max$	1 mm	
r_{\min}	1,1 mm	
s	1 mm	Axial displacement facility from central position
m	0,434 kg	Mass
C_r	72000 N	Basic dynamic load rating, radial
C_{0r}	63000 N	Basic static load rating, radial
C_{ur}	10500 N	Fatigue limit load, radial
n_G	10200 1/min	Limiting speed
$n_{\theta r}$	7000 1/min	Reference speed



