

# Cylindrical roller bearings

## NJ2309-E-XL-TVP2 (Series NJ23..-E)

main dimensions to DIN 5412-1, semi-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 (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	45 mm	
D	100 mm	
B	36 mm	
	HJ2309-E	Designation, L-section ring
D <sub>1</sub>	84,1 mm	
d <sub>1</sub>	64,4 mm	
D <sub>a</sub> max	91 mm	
d <sub>a</sub> max	57 mm	
d <sub>a</sub> min	54 mm	
d <sub>c</sub> min	66 mm	
E	88,5 MM	
F	58,5 mm	
r <sub>1</sub> min	1,5 mm	
r <sub>a</sub> max	1,5 mm	
r <sub>min</sub>	1,5 mm	
s	2,5 mm	Axial displacement facility from central position
m	1,33 kg	Mass

Cr	163000 N	Basic dynamic load rating, radial
Cor	154000 N	Basic static load rating, radial
ng	8500 1/min	Limiting speed
nB	5200 1/min	Reference speed
Cur	28000 N	Fatigue limit load, radial



