

# Cylindrical roller bearings

## NNU4944-S-K-M-SP (Series NNU49..-S-K-M-SP)

main dimensions to DIN 5412-4, non-locating bearing,  
double row, with tapered bore, taper 1:12, separable, with  
cage, reduced radial internal clearance, restricted  
tolerances

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	220 mm
D	300 mm
B	80 mm
D <sub>1</sub>	272,2 mm
D <sub>a</sub> max	279 mm Tolerance: H12
d <sub>a</sub> min	243 mm Tolerance: h12
D <sub>b</sub> min	279 mm
d <sub>s</sub>	6,3 mm
F	245 mm
n <sub>s</sub>	12,2 mm
r <sub>a</sub> max	2,1 mm
r <sub>min</sub>	2,1 mm
s	4,3 mm Axial displacement facility from central position
m	16,3 kg Mass
C <sub>r</sub>	510000 N Basic dynamic load rating, radial
C <sub>0r</sub>	1140000 N Basic static load rating, radial

ng	2550 1/min	Limiting speed for grease lubrication
Fett		
ng	3000 1/min	Limiting speed for minimal quantity oil lubrication
Öl		
Cur	131000 N	Fatigue limit load, radial
CrL	6000	spring stiffness, radial



