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# Cylindrical roller bearings

## NU416-XL-M1 (Series NU4)

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

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d	80 mm
D	200 mm
B	48 mm
D <sub>1</sub>	159,7 mm
D <sub>a</sub> max	184 mm
d <sub>a</sub> max	109 mm
d <sub>a</sub> min	96 mm
d <sub>b</sub> min	112 mm
E	170 mm
F	110 mm
r <sub>1</sub> min	3 mm
r <sub>a1</sub> max	2,5 mm
r <sub>a</sub> max	2,5 mm
r <sub>min</sub>	3 mm
s	4,6 mm Axial displacement facility from central position
m	8,37 kg Mass
C <sub>r</sub>	395000 N Basic dynamic load rating, radial

$C_{0r}$	365000 N	Basic static load rating, radial
$C_{ur}$	46000 N	Fatigue limit load, radial
$n_G$	5400 1/min	Limiting speed
$n_B$	3750 1/min	Reference speed



