

NU416M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	D_1 [mm]	≈ 158
D [mm]	200	$r_{1,2}$ [mm]	3
B [mm]	48	$r_{3,4}$ [mm]	3
Weight [kg]	≈ 8	s [mm]	2.5
F [mm]	110		



Mating dimensions

$d_{a, \min}$ [mm]	96
$d_{a, \max}$ [mm]	109
$d_{b, \min}$ [mm]	112
$D_{a, \max}$ [mm]	184
$r_{a, \max}$ [mm]	2.5
$r_{b, \max}$ [mm]	2.5

Calculation data

C [kN]	324
C_0 [kN]	349
C_u [kN]	43.1
n_{th} [min^{-1}]	3838
n_g [min^{-1}]	5200