

NU3912E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	60	D_1 [mm]	≈ 76.9
D [mm]	85	$r_{1,2}$ [mm]	1
B [mm]	19	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.347	s [mm]	1.2
F [mm]	66.5		



Mating dimensions

$d_{a, \min}$ [mm]	64.6
$d_{a, \max}$ [mm]	65
$d_{b, \min}$ [mm]	68
$D_{a, \max}$ [mm]	80.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	56.5
C_0 [kN]	85.9
C_u [kN]	11.3
n_{th} [min^{-1}]	5622
n_g [min^{-1}]	11000