

NU3913E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	65	D_1 [mm]	≈ 81.9
D [mm]	90	$r_{1,2}$ [mm]	1
B [mm]	19	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.372	s [mm]	1.2
F [mm]	71.5		



Mating dimensions

$d_{a, \min}$ [mm]	69.6
$d_{a, \max}$ [mm]	70
$d_{b, \min}$ [mm]	73
$D_{a, \max}$ [mm]	85.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	58.9
C_0 [kN]	92.8
C_u [kN]	12.2
n_{th} [min^{-1}]	5194
n_g [min^{-1}]	9400