

NU2813M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	65	D_1 [mm]	≈ 78
D [mm]	85	$r_{1,2}$ [mm]	0.6
B [mm]	13	$r_{3,4}$ [mm]	0.3
Weight [kg]	≈ 0.191	s [mm]	1.5
F [mm]	70		



Mating dimensions

$d_{a, \min}$ [mm]	68.2
$d_{a, \max}$ [mm]	69
$d_{b, \min}$ [mm]	72
$D_{a, \max}$ [mm]	81.8
$r_{a, \max}$ [mm]	0.6
$r_{b, \max}$ [mm]	0.3

Calculation data

C [kN]	29.1
C_0 [kN]	44.4
C_u [kN]	5.83
n_{th} [min^{-1}]	5149
n_g [min^{-1}]	9800