

NU2817M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	85	D_1 [mm]	≈ 101.9
D [mm]	110	$r_{1,2}$ [mm]	1
B [mm]	16	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.381	s [mm]	2
F [mm]	91.5		



Mating dimensions

$d_{a, \min}$ [mm]	89.6
$d_{a, \max}$ [mm]	90
$d_{b, \min}$ [mm]	94
$D_{a, \max}$ [mm]	105.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	50
C_0 [kN]	81.1
C_u [kN]	10.7
n_{th} [min^{-1}]	4083
n_g [min^{-1}]	7500