

NU3915E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	75	D_1 [mm]	≈ 95.3
D [mm]	105	$r_{1,2}$ [mm]	1
B [mm]	23	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.628	s [mm]	1.4
F [mm]	82.5		



Mating dimensions

$d_{a, \min}$ [mm]	79.6
$d_{a, \max}$ [mm]	81
$d_{b, \min}$ [mm]	85
$D_{a, \max}$ [mm]	100.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	85.9
C_0 [kN]	137
C_u [kN]	17.9
n_{th} [min^{-1}]	4645
n_g [min^{-1}]	8100