

NU1017M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	85	D_1 [mm]	≈ 114.1
D [mm]	130	$r_{1,2}$ [mm]	1.1
B [mm]	22	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 1.02	s [mm]	3
F [mm]	96.5		



Mating dimensions

$d_{a, \min}$ [mm]	91
$d_{a, \max}$ [mm]	95
$d_{b, \min}$ [mm]	99
$D_{a, \max}$ [mm]	124
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	1

Calculation data

C [kN]	79.6
C_0 [kN]	105
C_u [kN]	13.9
n_{th} [min^{-1}]	4736
n_g [min^{-1}]	6800