

NU3921E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	105	D_1 [mm]	≈ 131.5
D [mm]	145	$r_{1,2}$ [mm]	1.1
B [mm]	30	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 1.53	s [mm]	1.7
F [mm]	115.5		



Mating dimensions

$d_{a, \min}$ [mm]	111
$d_{a, \max}$ [mm]	114
$d_{b, \min}$ [mm]	119
$D_{a, \max}$ [mm]	139
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	1

Calculation data

C [kN]	145
C_0 [kN]	254
C_u [kN]	32.4
n_{th} [min^{-1}]	3503
n_g [min^{-1}]	5800