

NU312E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	60	D_1 [mm]	≈ 107.4
D [mm]	130	$r_{1,2}$ [mm]	2.1
B [mm]	31	$r_{3,4}$ [mm]	2.1
Weight [kg]	≈ 2.04	s [mm]	3.3
F [mm]	77		



Mating dimensions

$d_{a, \min}$ [mm]	72
$d_{a, \max}$ [mm]	75
$d_{b, \min}$ [mm]	79
$D_{a, \max}$ [mm]	118
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	2.1

Calculation data

C [kN]	154
C_0 [kN]	163
C_u [kN]	21.3
n_{th} [min^{-1}]	5232
n_g [min^{-1}]	7600