

NU220E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	100	D_1 [mm]	≈ 154.2
D [mm]	180	$r_{1,2}$ [mm]	2.1
B [mm]	34	$r_{3,4}$ [mm]	2.1
Weight [kg]	≈ 3.87	s [mm]	2.4
F [mm]	119		



Mating dimensions

$d_{a, \min}$ [mm]	112
$d_{a, \max}$ [mm]	117
$d_{b, \min}$ [mm]	122
$D_{a, \max}$ [mm]	168
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	2.1

Calculation data

C [kN]	254
C_0 [kN]	312
C_u [kN]	38.4
n_{th} [min^{-1}]	3478
n_g [min^{-1}]	5100