

NU2214E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	70	D_1 [mm]	≈ 107.5
D [mm]	125	$r_{1,2}$ [mm]	1.5
B [mm]	31	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 1.69	s [mm]	1.8
F [mm]	83.5		



Mating dimensions

$d_{a, \min}$ [mm]	79
$d_{a, \max}$ [mm]	82
$d_{b, \min}$ [mm]	86
$D_{a, \max}$ [mm]	116
$r_{a, \max}$ [mm]	1.5
$r_{b, \max}$ [mm]	1.5

Calculation data

C [kN]	159
C_0 [kN]	198
C_u [kN]	26
n_{th} [min^{-1}]	3889
n_g [min^{-1}]	7400