

NU1920E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	100	D_1 [mm]	≈ 126.5
D [mm]	140	$r_{1,2}$ [mm]	1.1
B [mm]	20	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 0.93	s [mm]	1.6
F [mm]	110.5		



Mating dimensions

$d_{a, \min}$ [mm]	106
$d_{a, \max}$ [mm]	109
$d_{b, \min}$ [mm]	113
$D_{a, \max}$ [mm]	134
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	1

Calculation data

C [kN]	84.2
C_0 [kN]	126
C_u [kN]	16.2
n_{th} [min^{-1}]	3865
n_g [min^{-1}]	6000