

NU2019E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	95	D_1 [mm]	≈ 129.4
D [mm]	145	$r_{1,2}$ [mm]	1.5
B [mm]	30	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 1.79	s [mm]	2
F [mm]	107		



Mating dimensions

$d_{a, \min}$ [mm]	102
$d_{a, \max}$ [mm]	105
$d_{b, \min}$ [mm]	109
$D_{a, \max}$ [mm]	138
$r_{a, \max}$ [mm]	1.5
$r_{b, \max}$ [mm]	1

Calculation data

C [kN]	166
C_0 [kN]	236
C_u [kN]	30.4
n_{th} [min^{-1}]	3944
n_g [min^{-1}]	6000