

NU219E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	95	D_1 [mm]	≈ 146.1
D [mm]	170	$r_{1,2}$ [mm]	2.1
B [mm]	32	$r_{3,4}$ [mm]	2.1
Weight [kg]	≈ 3.2	s [mm]	2.4
F [mm]	112.5		



Mating dimensions

$d_{a, \min}$ [mm]	107
$d_{a, \max}$ [mm]	111
$d_{b, \min}$ [mm]	116
$D_{a, \max}$ [mm]	158
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	2.1

Calculation data

C [kN]	225
C_0 [kN]	271
C_u [kN]	33.9
n_{th} [min^{-1}]	3651
n_g [min^{-1}]	5400