

NU1917E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	85	D_1 [mm]	≈ 108.4
D [mm]	120	$r_{1,2}$ [mm]	1.1
B [mm]	18	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 0.622	s [mm]	1.5
F [mm]	94		



Mating dimensions

$d_{a, \min}$ [mm]	91
$d_{a, \max}$ [mm]	93
$d_{b, \min}$ [mm]	96
$D_{a, \max}$ [mm]	114
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	1

Calculation data

C [kN]	66.5
C_0 [kN]	94.4
C_u [kN]	12.7
n_{th} [min^{-1}]	4420
n_g [min^{-1}]	7100