

NU216E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	D_1 [mm]	≈ 120.9
D [mm]	140	$r_{1,2}$ [mm]	2
B [mm]	26	$r_{3,4}$ [mm]	2
Weight [kg]	≈ 1.71	s [mm]	2.2
F [mm]	95.3		



Mating dimensions

$d_{a, \min}$ [mm]	91
$d_{a, \max}$ [mm]	94
$d_{b, \min}$ [mm]	97
$D_{a, \max}$ [mm]	129
$r_{a, \max}$ [mm]	2
$r_{b, \max}$ [mm]	2

Calculation data

C [kN]	143
C_0 [kN]	172
C_u [kN]	22.6
n_{th} [min^{-1}]	4236
n_g [min^{-1}]	6600