

NU2944E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	220	D_1 [mm]	≈ 273.6
D [mm]	300	$r_{1,2}$ [mm]	2.1
B [mm]	48	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 10.1	s [mm]	3
F [mm]	240		



Mating dimensions

$d_{a, \min}$ [mm]	230.2
$d_{a, \max}$ [mm]	237
$d_{b, \min}$ [mm]	243
$D_{a, \max}$ [mm]	289.8
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	1.5

Calculation data

C [kN]	462
C_0 [kN]	855
C_u [kN]	88.3
n_{th} [min^{-1}]	1722
n_g [min^{-1}]	2700