

NU224E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	120	D_1 [mm]	≈ 185.1
D [mm]	215	$r_{1,2}$ [mm]	2.1
B [mm]	40	$r_{3,4}$ [mm]	2.1
Weight [kg]	≈ 6.45	s [mm]	2.8
F [mm]	143.5		



Mating dimensions

$d_{a, \min}$ [mm]	132
$d_{a, \max}$ [mm]	141
$d_{b, \min}$ [mm]	146
$D_{a, \max}$ [mm]	203
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	2.1

Calculation data

C [kN]	345
C_0 [kN]	435
C_u [kN]	50.9
n_{th} [min^{-1}]	3029
n_g [min^{-1}]	4200