

NU210E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	D_1 [mm]	≈ 77.1
D [mm]	90	$r_{1,2}$ [mm]	1.1
B [mm]	20	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 0.54	s [mm]	2.2
F [mm]	59.5		



Mating dimensions

Calculation data

$d_{a, \min}$ [mm]	57	C [kN]	66.2
$d_{a, \max}$ [mm]	58	C_0 [kN]	71.9
$d_{b, \min}$ [mm]	62	C_u [kN]	9.45
$D_{a, \max}$ [mm]	83	n_{th} [min^{-1}]	6638
$r_{a, \max}$ [mm]	1	n_g [min^{-1}]	11000
$r_{b, \max}$ [mm]	1		