

NU2910E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	D_1 [mm]	≈ 64.8
D [mm]	72	$r_{1,2}$ [mm]	0.6
B [mm]	14	$r_{3,4}$ [mm]	0.3
Weight [kg]	≈ 0.182	s [mm]	1.3
F [mm]	56		



Mating dimensions

Calculation data

$d_{a, \min}$ [mm]	53.2	C [kN]	30.5
$d_{a, \max}$ [mm]	56	C_0 [kN]	41.3
$d_{b, \min}$ [mm]	59	C_u [kN]	5.42
$D_{a, \max}$ [mm]	68.8	n_{th} [min^{-1}]	6702
$r_{a, \max}$ [mm]	0.6	n_g [min^{-1}]	12000
$r_{b, \max}$ [mm]	0.3		