

NU310E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	D_1 [mm]	≈ 90.6
D [mm]	110	$r_{1,2}$ [mm]	2
B [mm]	27	$r_{3,4}$ [mm]	2
Weight [kg]	≈ 1.28	s [mm]	2.6
F [mm]	65		



Mating dimensions

Calculation data

$d_{a, \min}$ [mm]	61	C [kN]	113
$d_{a, \max}$ [mm]	63	C_0 [kN]	117
$d_{b, \min}$ [mm]	67	C_u [kN]	15.2
$D_{a, \max}$ [mm]	99	n_{th} [min^{-1}]	6077
$r_{a, \max}$ [mm]	2	n_g [min^{-1}]	9100
$r_{b, \max}$ [mm]	2		