

NU3011M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	55	D_1 [mm]	≈ 77.3
D [mm]	90	$r_{1,2}$ [mm]	1.1
B [mm]	26	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 0.663	s [mm]	3
F [mm]	64.5		



Mating dimensions

Calculation data

$d_{a, \min}$ [mm]	61	C [kN]	66.4
$d_{a, \max}$ [mm]	63	C_0 [kN]	90.5
$d_{b, \min}$ [mm]	66	C_u [kN]	11.9
$D_{a, \max}$ [mm]	84	n_{th} [min^{-1}]	6953
$r_{a, \max}$ [mm]	1	n_g [min^{-1}]	11000
$r_{b, \max}$ [mm]	1		