

# NU211E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	55	$D_1$ [mm]	≈ 85.2
D [mm]	100	$r_{1,2}$ [mm]	1.5
B [mm]	21	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 0.736	s [mm]	1.7
F [mm]	66		



### Mating dimensions

### Calculation data

$d_{a, \min}$ [mm]	64	C [kN]	86.5
$d_{a, \max}$ [mm]	65	$C_0$ [kN]	98.8
$d_{b, \min}$ [mm]	68	$C_u$ [kN]	13
$D_{a, \max}$ [mm]	91	$n_{th}$ [ $\text{min}^{-1}$ ]	5755
$r_{a, \max}$ [mm]	1.5	$n_g$ [ $\text{min}^{-1}$ ]	9400
$r_{b, \max}$ [mm]	1		