

# NU1913E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	65	$D_1$ [mm]	≈ 81.9
D [mm]	90	$r_{1,2}$ [mm]	1
B [mm]	13	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.238	s [mm]	1.2
F [mm]	71.5		



### Mating dimensions

$d_{a, \min}$ [mm]	69.6
$d_{a, \max}$ [mm]	70
$d_{b, \min}$ [mm]	73
$D_{a, \max}$ [mm]	85.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

### Calculation data

C [kN]	33.9
$C_0$ [kN]	45.6
$C_u$ [kN]	5.98
$n_{th}$ [ $\text{min}^{-1}$ ]	5279
$n_g$ [ $\text{min}^{-1}$ ]	9400