

# NU1912E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	60	$D_1$ [mm]	$\approx 76.9$
D [mm]	85	$r_{1,2}$ [mm]	1
B [mm]	13	$r_{3,4}$ [mm]	0.6
Weight [kg]	$\approx 0.223$	s [mm]	1.2
F [mm]	66.5		



### Mating dimensions

$d_{a, \min}$ [mm]	64.6
$d_{a, \max}$ [mm]	65
$d_{b, \min}$ [mm]	68
$D_{a, \max}$ [mm]	80.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

### Calculation data

C [kN]	33.4
$C_0$ [kN]	43.7
$C_u$ [kN]	5.73
$n_{th}$ [ $\text{min}^{-1}$ ]	5692
$n_g$ [ $\text{min}^{-1}$ ]	11000