

# NU2916E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	80	$D_1$ [mm]	$\approx 100.3$
D [mm]	110	$r_{1,2}$ [mm]	1
B [mm]	19	$r_{3,4}$ [mm]	0.6
F [mm]	87.5	s [mm]	1.4



### Mating dimensions

$d_{a, \min}$ [mm]	84.6
$d_{a, \max}$ [mm]	85
$d_{b, \min}$ [mm]	90
$D_{a, \max}$ [mm]	105.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

### Calculation data

C [kN]	70.7
$C_0$ [kN]	109
$C_u$ [kN]	14.2
$n_{th}$ [ $\text{min}^{-1}$ ]	4385
$n_g$ [ $\text{min}^{-1}$ ]	7700