

# NU3017M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	85	$D_1$ [mm]	$\approx 114.1$
D [mm]	130	$r_{1,2}$ [mm]	1.1
B [mm]	34	$r_{3,4}$ [mm]	1
Weight [kg]	$\approx 1.65$	s [mm]	3.8
F [mm]	96.5		



### Mating dimensions

$d_{a, \min}$ [mm]	91
$d_{a, \max}$ [mm]	95
$d_{b, \min}$ [mm]	98
$D_{a, \max}$ [mm]	124
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	1

### Calculation data

C [kN]	129
$C_0$ [kN]	192
$C_u$ [kN]	25.6
$n_{th}$ [ $\text{min}^{-1}$ ]	4800
$n_g$ [ $\text{min}^{-1}$ ]	6800