

# NU313E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	65	$D_1$ [mm]	≈ 116.1
D [mm]	140	$r_{1,2}$ [mm]	2.1
B [mm]	33	$r_{3,4}$ [mm]	2.1
Weight [kg]	≈ 2.53	s [mm]	3.6
F [mm]	82.5		



### Mating dimensions

$d_{a, \min}$ [mm]	77
$d_{a, \max}$ [mm]	81
$d_{b, \min}$ [mm]	85
$D_{a, \max}$ [mm]	128
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	2.1

### Calculation data

C [kN]	184
$C_0$ [kN]	196
$C_u$ [kN]	26.3
$n_{th}$ [ $\text{min}^{-1}$ ]	4827
$n_g$ [ $\text{min}^{-1}$ ]	7100