

# NU1915E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	75	$D_1$ [mm]	≈ 95.3
D [mm]	105	$r_{1,2}$ [mm]	1
B [mm]	16	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.412	s [mm]	1.4
F [mm]	82.5		



### Mating dimensions

$d_{a, \min}$ [mm]	79.6
$d_{a, \max}$ [mm]	81
$d_{b, \min}$ [mm]	85
$D_{a, \max}$ [mm]	100.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

### Calculation data

C [kN]	53.2
$C_0$ [kN]	73.7
$C_u$ [kN]	9.68
$n_{th}$ [ $\text{min}^{-1}$ ]	4847
$n_g$ [ $\text{min}^{-1}$ ]	8100