

# NU3910E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	50	$D_1$ [mm]	$\approx 64.8$
D [mm]	72	$r_{1,2}$ [mm]	0.6
B [mm]	16	$r_{3,4}$ [mm]	0.3
Weight [kg]	$\approx 0.219$	s [mm]	1.1
F [mm]	56		



### Mating dimensions

### Calculation data

$d_{a, \min}$ [mm]	53.2	C [kN]	41.1
$d_{a, \max}$ [mm]	56	$C_0$ [kN]	60.7
$d_{b, \min}$ [mm]	59	$C_u$ [kN]	7.97
$D_{a, \max}$ [mm]	68.8	$n_{th}$ [ $\text{min}^{-1}$ ]	6387
$r_{a, \max}$ [mm]	0.6	$n_g$ [ $\text{min}^{-1}$ ]	12000
$r_{b, \max}$ [mm]	0.3		