

# NU3980E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	400	$D_1$ [mm]	$\approx 494.8$
D [mm]	540	$r_{1,2}$ [mm]	4
B [mm]	106	$r_{3,4}$ [mm]	4
Weight [kg]	$\approx 71.4$	s [mm]	5.7
F [mm]	434		



### Mating dimensions

$d_{a, \min}$ [mm]	414.6
$d_{a, \max}$ [mm]	430
$d_{b, \min}$ [mm]	438
$D_{a, \max}$ [mm]	525.4
$r_{a, \max}$ [mm]	3
$r_{b, \max}$ [mm]	3

### Calculation data

C [kN]	1740
$C_0$ [kN]	3740
$C_u$ [kN]	326
$n_{th}$ [ $\text{min}^{-1}$ ]	658
$n_g$ [ $\text{min}^{-1}$ ]	1400