

# NU3960E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	300	$D_1$ [mm]	$\approx 381.2$
D [mm]	420	$r_{1,2}$ [mm]	3
B [mm]	90	$r_{3,4}$ [mm]	3
Weight [kg]	$\approx 39.8$	s [mm]	4.7
F [mm]	330		



### Mating dimensions

$d_{a, \min}$ [mm]	312.4
$d_{a, \max}$ [mm]	327
$d_{b, \min}$ [mm]	333
$D_{a, \max}$ [mm]	407.6
$r_{a, \max}$ [mm]	2.5
$r_{b, \max}$ [mm]	2.5

### Calculation data

C [kN]	1200
$C_0$ [kN]	2390
$C_u$ [kN]	225
$n_{th}$ [ $\text{min}^{-1}$ ]	973
$n_g$ [ $\text{min}^{-1}$ ]	1900