

# NU322E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	110	$D_1$ [mm]	$\approx 197.4$
D [mm]	240	$r_{1,2}$ [mm]	3
B [mm]	50	$r_{3,4}$ [mm]	3
Weight [kg]	$\approx 11.6$	s [mm]	3.4
F [mm]	143		



### Mating dimensions

$d_{a, \min}$ [mm]	124
$d_{a, \max}$ [mm]	140
$d_{b, \min}$ [mm]	145
$D_{a, \max}$ [mm]	226
$r_{a, \max}$ [mm]	2.5
$r_{b, \max}$ [mm]	2.5

### Calculation data

C [kN]	464
$C_0$ [kN]	545
$C_u$ [kN]	62.6
$n_{th}$ [ $\text{min}^{-1}$ ]	2903
$n_g$ [ $\text{min}^{-1}$ ]	4100