

# NU308E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	40	$D_1$ [mm]	≈ 74.4
D [mm]	90	$r_{1,2}$ [mm]	1.5
B [mm]	23	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 0.736	s [mm]	2.5
F [mm]	52		



### Mating dimensions

### Calculation data

$d_{a, \min}$ [mm]	49	C [kN]	82.5
$d_{a, \max}$ [mm]	51	$C_0$ [kN]	80.4
$d_{b, \min}$ [mm]	55	$C_u$ [kN]	10.6
$D_{a, \max}$ [mm]	81	$n_{th}$ [ $\text{min}^{-1}$ ]	7215
$r_{a, \max}$ [mm]	1.5	$n_g$ [ $\text{min}^{-1}$ ]	12000
$r_{b, \max}$ [mm]	1.5		