

# NU3009M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	45	$D_1$ [mm]	≈ 64.5
D [mm]	75	$r_{1,2}$ [mm]	1
B [mm]	23	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.412	s [mm]	2.5
F [mm]	52.5		



### Mating dimensions

### Calculation data

$d_{a, \min}$ [mm]	49.6	C [kN]	52.5
$d_{a, \max}$ [mm]	51	$C_0$ [kN]	65.7
$d_{b, \min}$ [mm]	54	$C_u$ [kN]	8.62
$D_{a, \max}$ [mm]	70.4	$n_{th}$ [ $\text{min}^{-1}$ ]	8222
$r_{a, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	13000
$r_{b, \max}$ [mm]	0.6		