

# NU3008M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	40	$D_1$ [mm]	≈ 58.2
D [mm]	68	$r_{1,2}$ [mm]	1
B [mm]	21	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.317	s [mm]	2.2
F [mm]	47		



### Mating dimensions

### Calculation data

$d_{a, \min}$ [mm]	44.6	C [kN]	44.1
$d_{a, \max}$ [mm]	45	$C_0$ [kN]	53.1
$d_{b, \min}$ [mm]	49	$C_u$ [kN]	6.97
$D_{a, \max}$ [mm]	63.4	$n_{th}$ [ $\text{min}^{-1}$ ]	8967
$r_{a, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	14000
$r_{b, \max}$ [mm]	0.6		