

# NU1048M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	240	$D_1$ [mm]	≈ 318
D [mm]	360	$r_{1,2}$ [mm]	3
B [mm]	56	$r_{3,4}$ [mm]	3
Weight [kg]	≈ 19.5	s [mm]	8
F [mm]	270		



### Mating dimensions

$d_{a, \min}$ [mm]	252.4
$d_{a, \max}$ [mm]	268
$d_{b, \min}$ [mm]	275
$D_{a, \max}$ [mm]	347.6
$r_{a, \max}$ [mm]	2.5
$r_{b, \max}$ [mm]	2.5

### Calculation data

C [kN]	570
$C_0$ [kN]	900
$C_u$ [kN]	89.4
$n_{th}$ [ $\text{min}^{-1}$ ]	1812
$n_g$ [ $\text{min}^{-1}$ ]	2300