

# NU1812M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	60	$D_1$ [mm]	$\approx 72$
D [mm]	78	$r_{1,2}$ [mm]	0.3
B [mm]	10	$r_{3,4}$ [mm]	0.2
Weight [kg]	$\approx 0.113$	s [mm]	1.5
F [mm]	64		



### Mating dimensions

$d_{a, \min}$ [mm]	62
$d_{a, \max}$ [mm]	63
$d_{b, \min}$ [mm]	66
$D_{a, \max}$ [mm]	76
$r_{a, \max}$ [mm]	0.3
$r_{b, \max}$ [mm]	0.2

### Calculation data

C [kN]	19.4
$C_0$ [kN]	25.8
$C_u$ [kN]	3.38
$n_{th}$ [ $\text{min}^{-1}$ ]	5370
$n_g$ [ $\text{min}^{-1}$ ]	11000