

NU2812M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	60	D_1 [mm]	≈ 72
D [mm]	78	$r_{1,2}$ [mm]	0.3
B [mm]	12	$r_{3,4}$ [mm]	0.2
Weight [kg]	≈ 0.145	s [mm]	1.3
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]	28
C_0 [kN]	41.2
C_u [kN]	5.41
n_{th} [min^{-1}]	5366
n_g [min^{-1}]	11000