

NUP310E.M3

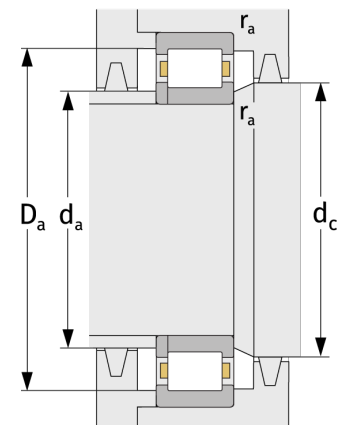
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	d_1 [mm]	≈ 71.4
D [mm]	110	D_1 [mm]	≈ 90.6
B [mm]	27	$r_{1,2}$ [mm]	2
Weight [kg]	≈ 1.33	$r_{3,4}$ [mm]	2
F [mm]	65	s [mm]	2.6



Mating dimensions

$d_{a, \min}$ [mm]

61

$d_{c, \min}$ [mm]

73

$D_{a, \max}$ [mm]

99

$r_{a, \max}$ [mm]

2

Calculation data

C [kN]

113

C_0 [kN]

117

C_u [kN]

15.2

n_{th} [min^{-1}]

6077

n_g [min^{-1}]

9100