

NU1822M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	110	D_1 [mm]	≈ 129.5
D [mm]	140	$r_{1,2}$ [mm]	1
B [mm]	16	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.56	s [mm]	2.6
F [mm]	117.5		



Mating dimensions

$d_{a, \min}$ [mm]	114.6
$d_{a, \max}$ [mm]	116
$d_{b, \min}$ [mm]	120
$D_{a, \max}$ [mm]	135.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	52.5
C_0 [kN]	85.3
C_u [kN]	10.9
n_{th} [min^{-1}]	3382
n_g [min^{-1}]	5800