

NU1824M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	120	D_1 [mm]	≈ 139.5
D [mm]	150	$r_{1,2}$ [mm]	1
B [mm]	16	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.605	s [mm]	2.6
F [mm]	127.5		



Mating dimensions

$d_{a, \min}$ [mm]	124.6
$d_{a, \max}$ [mm]	126
$d_{b, \min}$ [mm]	130
$D_{a, \max}$ [mm]	145.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	54.5
C_0 [kN]	91.9
C_u [kN]	11.5
n_{th} [min^{-1}]	3090
n_g [min^{-1}]	5400