

NUP318E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	90	d_1 [mm]	≈ 124.7
D [mm]	190	D_1 [mm]	≈ 158.3
B [mm]	43	$r_{1,2}$ [mm]	3
Weight [kg]	≈ 6.28	$r_{3,4}$ [mm]	3
F [mm]	113.5	s [mm]	3.9



Mating dimensions

$d_{a, \min}$ [mm]	104
$d_{c, \min}$ [mm]	128
$D_{a, \max}$ [mm]	176
$r_{a, \max}$ [mm]	2.5

Calculation data

C [kN]	321
C_0 [kN]	360
C_u [kN]	44.4
n_{th} [min^{-1}]	3686
n_g [min^{-1}]	5100