

NU418M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	90	D_1 [mm]	≈ 177.9
D [mm]	225	$r_{1,2}$ [mm]	4
B [mm]	54	$r_{3,4}$ [mm]	4
Weight [kg]	≈ 11.6	s [mm]	3.3
F [mm]	123.5		



Mating dimensions

$d_{a, \min}$ [mm]	110
$d_{a, \max}$ [mm]	122
$d_{b, \min}$ [mm]	125
$D_{a, \max}$ [mm]	205
$r_{a, \max}$ [mm]	3
$r_{b, \max}$ [mm]	3

Calculation data

C [kN]	411
C_0 [kN]	451
C_u [kN]	53.9
n_{th} [min^{-1}]	3403
n_g [min^{-1}]	4600