

N419M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	95	d_1 [mm]	≈ 147.1
D [mm]	240	$r_{1,2}$ [mm]	4
B [mm]	55	$r_{3,4}$ [mm]	4
Weight [kg]	≈ 13.4	s [mm]	3.3
E [mm]	201.5		



Mating dimensions

$d_{a, \min}$ [mm]	115
$D_{b, \min}$ [mm]	203
$D_{c, \max}$ [mm]	199
$r_{a, \max}$ [mm]	3
$r_{b, \max}$ [mm]	3

Calculation data

C [kN]	438
C_0 [kN]	497
C_u [kN]	58.3
n_{th} [min^{-1}]	3105
n_g [min^{-1}]	4300