

NUP3920E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	100	d_1 [mm]	≈ 114.5
D [mm]	140	D_1 [mm]	≈ 126.5
B [mm]	30	$r_{1,2}$ [mm]	1.1
Weight [kg]	≈ 1.52	$r_{3,4}$ [mm]	1
F [mm]	110.5	s [mm]	1.7



Mating dimensions

$d_{a, \min}$ [mm]

106

$d_{c, \min}$ [mm]

116

$D_{a, \max}$ [mm]

134

$r_{a, \max}$ [mm]

1

Calculation data

C [kN]

139

C_0 [kN]

238

C_u [kN]

30.7

n_{th} [min^{-1}]

3705

n_g [min^{-1}]

6000