

N2014E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	70	d ₁ [mm]	≈ 83.9
D [mm]	110	r _{1,2} [mm]	1.1
B [mm]	24	r _{3,4} [mm]	1
Weight [kg]	≈ 0.835	s [mm]	2
E [mm]	101.5		



Mating dimensions

d _{a,min} [mm]	76
D _{b,min} [mm]	102
D _{c,max} [mm]	100
r _{a,max} [mm]	1
r _{b,max} [mm]	1

Calculation data

C [kN]	95.7
C ₀ [kN]	126
C _u [kN]	16.4
n _{th} [min ⁻¹]	5206
n _g [min ⁻¹]	8100