

NJ1914E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	70	d ₁ [mm]	≈ 80.7
D [mm]	100	D ₁ [mm]	≈ 90.3
B [mm]	16	r _{1,2} [mm]	1
Weight [kg]	≈ 0.401	r _{3,4} [mm]	0.6
F [mm]	77.5	s [mm]	1.4



Mating dimensions

d _{a, min} [mm]	74.6
d _{a, max} [mm]	76
d _{b, min} [mm]	80
d _{c, min} [mm]	83
D _{a, max} [mm]	95.4
r _{a, max} [mm]	1

Calculation data

C [kN]	52.2
C ₀ [kN]	70.7
C _u [kN]	9.28
n _{th} [min ⁻¹]	5170
n _g [min ⁻¹]	8600