

NJ2818M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	90	d ₁ [mm]	≈ 99.1
D [mm]	115	D ₁ [mm]	≈ 106.9
B [mm]	16	r _{1,2} [mm]	1
Weight [kg]	≈ 0.41	r _{3,4} [mm]	0.6
F [mm]	96.5	s [mm]	2



Mating dimensions

d _{a, min} [mm]	94.6
d _{a, max} [mm]	95
d _{b, min} [mm]	99
d _{c, min} [mm]	102
D _{a, max} [mm]	110.4
r _{a, max} [mm]	1

Calculation data

C [kN]	51.7
C ₀ [kN]	86.3
C _u [kN]	11.7
n _{th} [min ⁻¹]	3843
n _g [min ⁻¹]	7100