

NJ1818M3

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]	13	r _{1,2} [mm]	1
Weight [kg]	≈ 0.321	r _{3,4} [mm]	0.6
F [mm]	96.5	s [mm]	2.1



Mating dimensions

Calculation data

d _{a, min} [mm]	94.6	C [kN]	37.9
d _{a, max} [mm]	95	C ₀ [kN]	58.1
d _{b, min} [mm]	99	C _u [kN]	7.84
d _{c, min} [mm]	102	n _{th} [min ⁻¹]	3816
D _{a, max} [mm]	110.4	n _g [min ⁻¹]	7100
r _{a, max} [mm]	1		