

N2818M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	90	d ₁ [mm]	≈ 99.1
D [mm]	115	r _{1,2} [mm]	1
B [mm]	16	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.399	s [mm]	2
E [mm]	109.5		



Mating dimensions

d _{a,min} [mm]	94.6
D _{b,min} [mm]	111
D _{c,max} [mm]	107
r _{a,max} [mm]	1
r _{b,max} [mm]	0.6

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