

N1821M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	105	d ₁ [mm]	≈ 114.1
D [mm]	130	r _{1,2} [mm]	1
B [mm]	13	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.353	s [mm]	2.1
E [mm]	124.5		



Mating dimensions

d _{a,min} [mm]	109.6
D _{b,min} [mm]	126
D _{c,max} [mm]	122
r _{a,max} [mm]	1
r _{b,max} [mm]	0.6

Calculation data

C [kN]	40.5
C ₀ [kN]	66.3
C _u [kN]	8.6
n _{th} [min ⁻¹]	3251
n _g [min ⁻¹]	6200