

N1822M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	110	d ₁ [mm]	≈ 120.5
D [mm]	140	r _{1,2} [mm]	1
B [mm]	16	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.556	s [mm]	2.6
E [mm]	132.5		



Mating dimensions

d _{a,min} [mm]	114.6
D _{b,min} [mm]	134
D _{c,max} [mm]	130
r _{a,max} [mm]	1
r _{b,max} [mm]	0.6

Calculation data

C [kN]	52.5
C ₀ [kN]	85.3
C _u [kN]	10.9
n _{th} [min ⁻¹]	3382
n _g [min ⁻¹]	5800