

N1824M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	120	d ₁ [mm]	≈ 130.5
D [mm]	150	r _{1,2} [mm]	1
B [mm]	16	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.601	s [mm]	2.6
E [mm]	142.5		



Mating dimensions

d _{a,min} [mm]	124.6
D _{b,min} [mm]	144
D _{c,max} [mm]	140
r _{a,max} [mm]	1
r _{b,max} [mm]	0.6

Calculation data

C [kN]	54.5
C ₀ [kN]	91.9
C _u [kN]	11.5
n _{th} [min ⁻¹]	3090
n _g [min ⁻¹]	5400