

N2820M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	100	d ₁ [mm]	≈ 109.1
D [mm]	125	r _{1,2} [mm]	1
B [mm]	16	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.438	s [mm]	2
E [mm]	119.5		



Mating dimensions

d _{a,min} [mm]	104.6
D _{b,min} [mm]	121
D _{c,max} [mm]	117
r _{a,max} [mm]	1
r _{b,max} [mm]	0.6

Calculation data

C [kN]	54
C ₀ [kN]	94.3
C _u [kN]	12.4
n _{th} [min ⁻¹]	3455
n _g [min ⁻¹]	6500