

NJ1820M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	100	d ₁ [mm]	≈ 109.1
D [mm]	125	D ₁ [mm]	≈ 116.9
B [mm]	13	r _{1,2} [mm]	1
Weight [kg]	≈ 0.351	r _{3,4} [mm]	0.6
F [mm]	106.5	s [mm]	2.1



Mating dimensions		Calculation data	
d _{a, min} [mm]	104.6	C [kN]	39.4
d _{a, max} [mm]	105	C ₀ [kN]	63
d _{b, min} [mm]	109	C _u [kN]	8.28
d _{c, min} [mm]	112	n _{th} [min ⁻¹]	3425
D _{a, max} [mm]	120.4	n _g [min ⁻¹]	6500
r _{a, max} [mm]	1		