

NJ1813M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	65	d ₁ [mm]	≈ 72
D [mm]	85	D ₁ [mm]	≈ 78
B [mm]	10	r _{1,2} [mm]	0.6
Weight [kg]	≈ 0.145	r _{3,4} [mm]	0.3
F [mm]	70	s [mm]	1.5



Mating dimensions		Calculation data	
d _{a, min} [mm]	68.2	C [kN]	20.5
d _{a, max} [mm]	69	C ₀ [kN]	28.5
d _{b, min} [mm]	72	C _u [kN]	3.74
d _{c, min} [mm]	75	n _{th} [min ⁻¹]	4858
D _{a, max} [mm]	81.8	n _g [min ⁻¹]	9800
r _{a, max} [mm]	0.6		