

NJ1814M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	70	d ₁ [mm]	≈ 77
D [mm]	90	D ₁ [mm]	≈ 83
B [mm]	10	r _{1,2} [mm]	0.6
Weight [kg]	≈ 0.155	r _{3,4} [mm]	0.3
F [mm]	75	s [mm]	1.5



Mating dimensions		Calculation data	
d _{a, min} [mm]	73.2	C [kN]	21.2
d _{a, max} [mm]	74	C ₀ [kN]	30.4
d _{b, min} [mm]	77	C _u [kN]	3.98
d _{c, min} [mm]	80	n _{th} [min ⁻¹]	4502
D _{a, max} [mm]	86.8	n _g [min ⁻¹]	9200
r _{a, max} [mm]	0.6		