

NJ3010M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	d ₁ [mm]	≈ 60.5
D [mm]	80	D ₁ [mm]	≈ 69.5
B [mm]	23	r _{1,2} [mm]	1
Weight [kg]	≈ 0.456	r _{3,4} [mm]	0.6
F [mm]	57.5	s [mm]	2.5



Mating dimensions		Calculation data	
d _{a, min} [mm]	54.6	C [kN]	56.8
d _{a, max} [mm]	56	C ₀ [kN]	74.7
d _{b, min} [mm]	59	C _u [kN]	9.8
d _{c, min} [mm]	62	n _{th} [min ⁻¹]	7393
D _{a, max} [mm]	75.4	n _g [min ⁻¹]	12000
r _{a, max} [mm]	1		