

NJ3909E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	45	d ₁ [mm]	≈ 53.7
D [mm]	68	D ₁ [mm]	≈ 60.3
B [mm]	16	r _{1,2} [mm]	0.6
Weight [kg]	≈ 0.217	r _{3,4} [mm]	0.3
F [mm]	51.5	s [mm]	1.1



Mating dimensions		Calculation data	
d _{a, min} [mm]	48.2	C [kN]	39.3
d _{a, max} [mm]	50	C ₀ [kN]	55.8
d _{b, min} [mm]	53	C _u [kN]	7.33
d _{c, min} [mm]	55	n _{th} [min ⁻¹]	6986
D _{a, max} [mm]	64.8	n _g [min ⁻¹]	13000
r _{a, max} [mm]	0.6		