

NJ2009E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	45	d ₁ [mm]	≈ 55.7
D [mm]	75	D ₁ [mm]	≈ 65.3
B [mm]	19	r _{1,2} [mm]	1
Weight [kg]	≈ 0.346	r _{3,4} [mm]	0.6
F [mm]	52.5	s [mm]	1



Mating dimensions		Calculation data	
d _{a, min} [mm]	49.6	C [kN]	55.6
d _{a, max} [mm]	52	C ₀ [kN]	68.5
d _{b, min} [mm]	54	C _u [kN]	8.99
d _{c, min} [mm]	57	n _{th} [min ⁻¹]	7412
D _{a, max} [mm]	70.4	n _g [min ⁻¹]	13000
r _{a, max} [mm]	1		