

N1009M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	45	d ₁ [mm]	≈ 55.5
D [mm]	75	r _{1,2} [mm]	1
B [mm]	16	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.266	s [mm]	1.5
E [mm]	67.5		



Mating dimensions

Calculation data

d _{a,min} [mm]	49.6	C [kN]	33.3
D _{b,min} [mm]	68	C ₀ [kN]	36.8
D _{c,max} [mm]	66	C _u [kN]	4.83
r _{a,max} [mm]	1	n _{th} [min ⁻¹]	8118
r _{b,max} [mm]	0.6	n _g [min ⁻¹]	13000