

N1809M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	45	d ₁ [mm]	≈ 50.2
D [mm]	58	r _{1,2} [mm]	0.3
B [mm]	7	r _{3,4} [mm]	0.2
Weight [kg]	≈ 0.046	s [mm]	1
E [mm]	55		



Mating dimensions

Calculation data

d _{a,min} [mm]	47	C [kN]	9.54
D _{b,min} [mm]	56	C ₀ [kN]	13.6
D _{c,max} [mm]	53	C _u [kN]	1.78
r _{a,max} [mm]	0.3	n _{th} [min ⁻¹]	6237
r _{b,max} [mm]	0.2	n _g [min ⁻¹]	15000