

N1910E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	d ₁ [mm]	≈ 58.2
D [mm]	72	r _{1,2} [mm]	0.6
B [mm]	12	r _{3,4} [mm]	0.3
Weight [kg]	≈ 0.151	s [mm]	1.2
E [mm]	67		



Mating dimensions

Calculation data

d _{a,min} [mm]	53.2	C [kN]	24.4
D _{b,min} [mm]	67	C ₀ [kN]	31
D _{c,max} [mm]	64	C _u [kN]	4.07
r _{a,max} [mm]	0.6	n _{th} [min ⁻¹]	6760
r _{b,max} [mm]	0.3	n _g [min ⁻¹]	12000