

N1810M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	d ₁ [mm]	≈ 55.6
D [mm]	65	r _{1,2} [mm]	0.3
B [mm]	7	r _{3,4} [mm]	0.2
Weight [kg]	≈ 0.057	s [mm]	1
E [mm]	62		



Mating dimensions

Calculation data

d _{a,min} [mm]	52	C [kN]	12.9
D _{b,min} [mm]	63	C ₀ [kN]	16.8
D _{c,max} [mm]	60	C _u [kN]	2.2
r _{a,max} [mm]	0.3	n _{th} [min ⁻¹]	5429
r _{b,max} [mm]	0.2	n _g [min ⁻¹]	13000