

N1811M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	55	d ₁ [mm]	≈ 61.6
D [mm]	72	r _{1,2} [mm]	0.3
B [mm]	9	r _{3,4} [mm]	0.2
Weight [kg]	≈ 0.09	s [mm]	1.5
E [mm]	68		



Mating dimensions

Calculation data

d _{a,min} [mm]	57	C [kN]	13.6
D _{b,min} [mm]	69	C ₀ [kN]	18.6
D _{c,max} [mm]	66	C _u [kN]	2.43
r _{a,max} [mm]	0.3	n _{th} [min ⁻¹]	5657
r _{b,max} [mm]	0.2	n _g [min ⁻¹]	12000