

N1808M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	40	d ₁ [mm]	≈ 44.2
D [mm]	52	r _{1,2} [mm]	0.3
B [mm]	7	r _{3,4} [mm]	0.2
Weight [kg]	≈ 0.037	s [mm]	1
E [mm]	49		



Mating dimensions

Calculation data

d _{a,min} [mm]	42	C [kN]	8.84
D _{b,min} [mm]	50	C ₀ [kN]	11.8
D _{c,max} [mm]	47	C _u [kN]	1.54
r _{a,max} [mm]	0.3	n _{th} [min ⁻¹]	7146
r _{b,max} [mm]	0.2	n _g [min ⁻¹]	17000