

N1010M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	d ₁ [mm]	≈ 60.5
D [mm]	80	r _{1,2} [mm]	1
B [mm]	16	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.288	s [mm]	1.5
E [mm]	72.5		



Mating dimensions

Calculation data

d _{a,min} [mm]	54.6	C [kN]	35.6
D _{b,min} [mm]	73	C ₀ [kN]	41.1
D _{c,max} [mm]	71	C _u [kN]	5.4
r _{a,max} [mm]	1	n _{th} [min ⁻¹]	7361
r _{b,max} [mm]	0.6	n _g [min ⁻¹]	12000