

N1916E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	d ₁ [mm]	≈ 90.7
D [mm]	110	r _{1,2} [mm]	1
B [mm]	16	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.432	s [mm]	1.4
E [mm]	103.5		



Mating dimensions

d _{a,min} [mm]	84.6
D _{b,min} [mm]	105
D _{c,max} [mm]	101
r _{a,max} [mm]	1
r _{b,max} [mm]	0.6

Calculation data

C [kN]	55.5
C ₀ [kN]	79.4
C _u [kN]	10.4
n _{th} [min ⁻¹]	4536
n _g [min ⁻¹]	7700