

N2816M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	d ₁ [mm]	≈ 87
D [mm]	100	r _{1,2} [mm]	0.6
B [mm]	13	r _{3,4} [mm]	0.3
Weight [kg]	≈ 0.228	s [mm]	1.5
E [mm]	95		



Mating dimensions

d _{a,min} [mm]	83.2
D _{b,min} [mm]	96
D _{c,max} [mm]	93
r _{a,max} [mm]	0.6
r _{b,max} [mm]	0.3

Calculation data

C [kN]	32.1
C ₀ [kN]	53.9
C _u [kN]	7.08
n _{th} [min ⁻¹]	4156
n _g [min ⁻¹]	8200