

NUP1816M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	d ₁ [mm]	≈ 87
D [mm]	100	D ₁ [mm]	≈ 93
B [mm]	10	r _{1,2} [mm]	0.6
Weight [kg]	≈ 0.18	r _{3,4} [mm]	0.3
F [mm]	85	s [mm]	1.5



Mating dimensions

d _{a,min} [mm]	83.2
d _{c,min} [mm]	90
D _{a,max} [mm]	96.8
r _{a,max} [mm]	0.6

Calculation data

C [kN]	22.9
C ₀ [kN]	35
C _u [kN]	4.59
n _{th} [min ⁻¹]	3909
n _g [min ⁻¹]	8200