

N1814M3

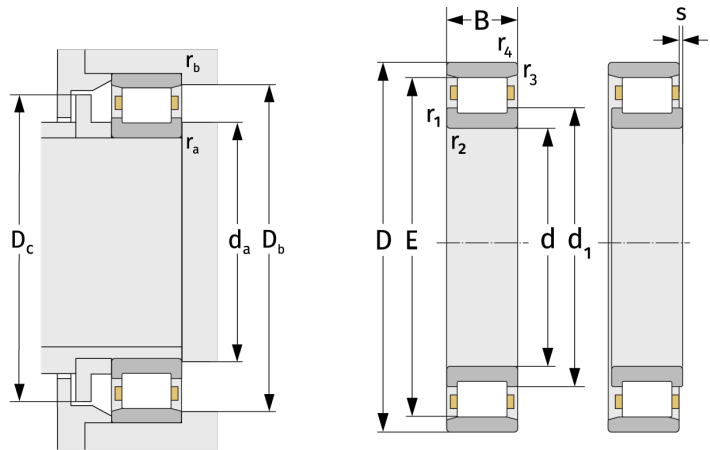
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	70	d ₁ [mm]	≈ 77
D [mm]	90	r _{1,2} [mm]	0.6
B [mm]	10	r _{3,4} [mm]	0.3
Weight [kg]	≈ 0.149	s [mm]	1.5
E [mm]	85		



Mating dimensions

d _{a,min} [mm]	73.2
D _{b,min} [mm]	86
D _{c,max} [mm]	83
r _{a,max} [mm]	0.6
r _{b,max} [mm]	0.3

Calculation data

C [kN]	21.2
C ₀ [kN]	30.4
C _u [kN]	3.98
n _{th} [min ⁻¹]	4502
n _g [min ⁻¹]	9200