

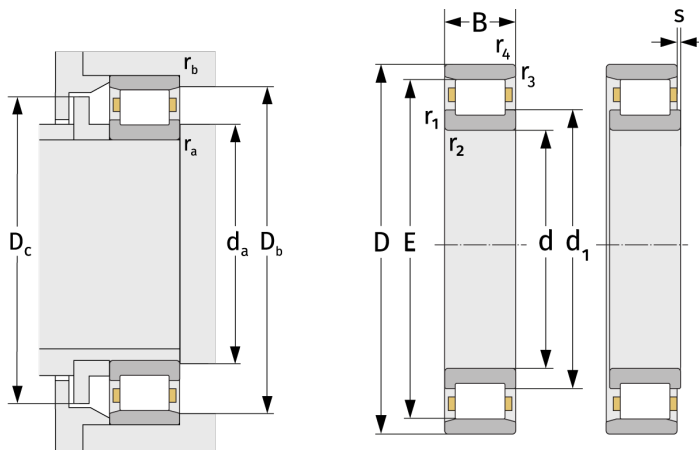
N1914E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions			
d [mm]	70	d ₁ [mm]	≈ 80.7
D [mm]	100	r _{1,2} [mm]	1
B [mm]	16	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.386	s [mm]	1.4
E [mm]	93.5		



Mating dimensions		Calculation data	
d _{a,min} [mm]	74.6	C [kN]	52.2
D _{b,min} [mm]	95	C ₀ [kN]	70.7
D _{c,max} [mm]	91	C _u [kN]	9.28
r _{a,max} [mm]	1	n _{th} [min ⁻¹]	5170
r _{b,max} [mm]	0.6	n _g [min ⁻¹]	8600