

NJ1916E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	d ₁ [mm]	≈ 90.7
D [mm]	110	D ₁ [mm]	≈ 100.3
B [mm]	16	r _{1,2} [mm]	1
Weight [kg]	≈ 0.448	r _{3,4} [mm]	0.6
F [mm]	87.5	s [mm]	1.4



Mating dimensions		Calculation data	
d _{a, min} [mm]	84.6	C [kN]	55.5
d _{a, max} [mm]	86	C ₀ [kN]	79.4
d _{b, min} [mm]	90	C _u [kN]	10.4
d _{c, min} [mm]	93	n _{th} [min ⁻¹]	4536
D _{a, max} [mm]	105.4	n _g [min ⁻¹]	7700
r _{a, max} [mm]	1		