

NJ316E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	d ₁ [mm]	≈ 111
D [mm]	170	D ₁ [mm]	≈ 141
B [mm]	39	r _{1,2} [mm]	2.1
Weight [kg]	≈ 4.5	r _{3,4} [mm]	2.1
F [mm]	101	s [mm]	2.3



Mating dimensions		Calculation data	
d _{a, min} [mm]	92	C [kN]	263
d _{a, max} [mm]	99	C ₀ [kN]	292
d _{b, min} [mm]	105	C _u [kN]	37.1
d _{c, min} [mm]	114	n _{th} [min ⁻¹]	4046
D _{a, max} [mm]	158	n _g [min ⁻¹]	5800
r _{a, max} [mm]	2.1		