

N316E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	d ₁ [mm]	≈ 111
D [mm]	170	r _{1,2} [mm]	2.1
B [mm]	39	r _{3,4} [mm]	2.1
Weight [kg]	≈ 4	s [mm]	2.3
E [mm]	151		



Mating dimensions

d _{a,min} [mm]	92
D _{b,min} [mm]	153
D _{c,max} [mm]	147
r _{a,max} [mm]	2.1
r _{b,max} [mm]	2.1

Calculation data

C [kN]	263
C ₀ [kN]	292
C _u [kN]	37.1
n _{th} [min ⁻¹]	4046
n _g [min ⁻¹]	5800