

N315E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	75	d ₁ [mm]	≈ 104.6
D [mm]	160	r _{1,2} [mm]	2.1
B [mm]	37	r _{3,4} [mm]	2.1
Weight [kg]	≈ 3	s [mm]	3
E [mm]	143		



Mating dimensions

d _{a,min} [mm]	87
D _{b,min} [mm]	145
D _{c,max} [mm]	141
r _{a,max} [mm]	2.1
r _{b,max} [mm]	2.1

Calculation data

C [kN]	244
C ₀ [kN]	268
C _u [kN]	34.7
n _{th} [min ⁻¹]	4204
n _g [min ⁻¹]	6100