

N314E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	70	d ₁ [mm]	≈ 97.8
D [mm]	150	r _{1,2} [mm]	2.1
B [mm]	35	r _{3,4} [mm]	2.1
Weight [kg]	≈ 3.06	s [mm]	3.4
E [mm]	133		



Mating dimensions

Calculation data

d _{a,min} [mm]	82	C [kN]	208
D _{b,min} [mm]	135	C ₀ [kN]	227
D _{c,max} [mm]	130	C _u [kN]	29.9
r _{a,max} [mm]	2.1	n _{th} [min ⁻¹]	4525
r _{b,max} [mm]	2.1	n _g [min ⁻¹]	6600