

N19/1000E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	1000	d ₁ [mm]	≈ 1113
D [mm]	1320	r _{1,2} [mm]	7.5
B [mm]	140	r _{3,4} [mm]	7.5
Weight [kg]	≈ 507	s [mm]	10.5
E [mm]	1249		



Mating dimensions

d _{a,min} [mm]	1028
D _{b,min} [mm]	1254
D _{c,max} [mm]	1244
r _{a,max} [mm]	6
r _{b,max} [mm]	6

Calculation data

C [kN]	4720
C ₀ [kN]	10300
C _u [kN]	693
n _{th} [min ⁻¹]	293
n _g [min ⁻¹]	420