

N2020E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	100	d ₁ [mm]	≈ 117.6
D [mm]	150	r _{1,2} [mm]	1.5
B [mm]	30	r _{3,4} [mm]	1.1
Weight [kg]	≈ 1.85	s [mm]	2
E [mm]	140		



Mating dimensions

d _{a,min} [mm]	107
D _{b,min} [mm]	142
D _{c,max} [mm]	138
r _{a,max} [mm]	1.5
r _{b,max} [mm]	1

Calculation data

C [kN]	171
C ₀ [kN]	248
C _u [kN]	31.5
n _{th} [min ⁻¹]	3757
n _g [min ⁻¹]	5800