

N3944E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	220	d ₁ [mm]	≈ 248.4
D [mm]	300	r _{1,2} [mm]	2.1
B [mm]	60	r _{3,4} [mm]	1.5
Weight [kg]	≈ 12.7	s [mm]	3.2
E [mm]	282		



Mating dimensions

d _{a,min} [mm]	230.2
D _{b,min} [mm]	285
D _{c,max} [mm]	279
r _{a,max} [mm]	2.1
r _{b,max} [mm]	1.5

Calculation data

C [kN]	565
C ₀ [kN]	1100
C _u [kN]	114
n _{th} [min ⁻¹]	1587
n _g [min ⁻¹]	2700