

N2019E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	95	d ₁ [mm]	≈ 112.6
D [mm]	145	r _{1,2} [mm]	1.5
B [mm]	30	r _{3,4} [mm]	1.1
Weight [kg]	≈ 1.77	s [mm]	2
E [mm]	135		



Mating dimensions

d _{a,min} [mm]	102
D _{b,min} [mm]	137
D _{c,max} [mm]	133
r _{a,max} [mm]	1.5
r _{b,max} [mm]	1

Calculation data

C [kN]	166
C ₀ [kN]	236
C _u [kN]	30.4
n _{th} [min ⁻¹]	3944
n _g [min ⁻¹]	6000