

N214E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	70	d ₁ [mm]	≈ 89.5
D [mm]	125	r _{1,2} [mm]	1.5
B [mm]	24	r _{3,4} [mm]	1.5
Weight [kg]	≈ 1.27	s [mm]	2
E [mm]	113.5		



Mating dimensions

d _{a,min} [mm]	79
D _{b,min} [mm]	115
D _{c,max} [mm]	111
r _{a,max} [mm]	1.5
r _{b,max} [mm]	1.5

Calculation data

C [kN]	122
C ₀ [kN]	141
C _u [kN]	18.5
n _{th} [min ⁻¹]	4696
n _g [min ⁻¹]	7400