

# N312E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	60	d <sub>1</sub> [mm]	≈ 84.6
D [mm]	130	r <sub>1,2</sub> [mm]	2.1
B [mm]	31	r <sub>3,4</sub> [mm]	2.1
Weight [kg]	≈ 2	s [mm]	3.3
E [mm]	115		



### Mating dimensions

d <sub>a,min</sub> [mm]	72
D <sub>b,min</sub> [mm]	117
D <sub>c,max</sub> [mm]	113
r <sub>a,max</sub> [mm]	2.1
r <sub>b,max</sub> [mm]	2.1

### Calculation data

C [kN]	154
C <sub>0</sub> [kN]	163
C <sub>u</sub> [kN]	21.3
n <sub>th</sub> [min <sup>-1</sup> ]	5232
n <sub>g</sub> [min <sup>-1</sup> ]	7600