

# N414M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	70	d <sub>1</sub> [mm]	≈ 110.4
D [mm]	180	r <sub>1,2</sub> [mm]	3
B [mm]	42	r <sub>3,4</sub> [mm]	3
Weight [kg]	≈ 5.79	s [mm]	2
E [mm]	152		



### Mating dimensions

d <sub>a,min</sub> [mm]	86
D <sub>b,min</sub> [mm]	153
D <sub>c,max</sub> [mm]	150
r <sub>a,max</sub> [mm]	2.5
r <sub>b,max</sub> [mm]	2.5

### Calculation data

C [kN]	266
C <sub>0</sub> [kN]	288
C <sub>u</sub> [kN]	36.7
n <sub>th</sub> [min <sup>-1</sup> ]	4061
n <sub>g</sub> [min <sup>-1</sup> ]	5800