

# N418M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	90	d <sub>1</sub> [mm]	≈ 137.1
D [mm]	225	r <sub>1,2</sub> [mm]	4
B [mm]	54	r <sub>3,4</sub> [mm]	4
Weight [kg]	≈ 11.4	s [mm]	3.3
E [mm]	191.5		



### Mating dimensions

d <sub>a,min</sub> [mm]	110
D <sub>b,min</sub> [mm]	193
D <sub>c,max</sub> [mm]	190
r <sub>a,max</sub> [mm]	3
r <sub>b,max</sub> [mm]	3

### Calculation data

C [kN]	411
C <sub>0</sub> [kN]	451
C <sub>u</sub> [kN]	53.9
n <sub>th</sub> [min <sup>-1</sup> ]	3403
n <sub>g</sub> [min <sup>-1</sup> ]	4600