

# N2872M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	360	d <sub>1</sub> [mm]	≈ 389.5
D [mm]	440	r <sub>1,2</sub> [mm]	2.1
B [mm]	48	r <sub>3,4</sub> [mm]	1.5
Weight [kg]	≈ 15.3	s [mm]	5.5
E [mm]	421.5		



### Mating dimensions

d <sub>a,min</sub> [mm]	370.2
D <sub>b,min</sub> [mm]	425
D <sub>c,max</sub> [mm]	418
r <sub>a,max</sub> [mm]	2.1
r <sub>b,max</sub> [mm]	1.5

### Calculation data

C [kN]	540
C <sub>0</sub> [kN]	1250
C <sub>u</sub> [kN]	114
n <sub>th</sub> [min <sup>-1</sup> ]	973
n <sub>g</sub> [min <sup>-1</sup> ]	1700