

# N1838M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	190	d <sub>1</sub> [mm]	≈ 208.2
D [mm]	240	r <sub>1,2</sub> [mm]	1.5
B [mm]	24	r <sub>3,4</sub> [mm]	1.1
Weight [kg]	≈ 2.45	s [mm]	3.8
E [mm]	229		



### Mating dimensions

### Calculation data

d <sub>a,min</sub> [mm]	197	C [kN]	156
D <sub>b,min</sub> [mm]	231	C <sub>0</sub> [kN]	280
D <sub>c,max</sub> [mm]	227	C <sub>u</sub> [kN]	30.5
r <sub>a,max</sub> [mm]	1.5	n <sub>th</sub> [min <sup>-1</sup> ]	2131
r <sub>b,max</sub> [mm]	1	n <sub>g</sub> [min <sup>-1</sup> ]	3300