

# N1836M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	180	d <sub>1</sub> [mm]	≈ 196.4
D [mm]	225	r <sub>1,2</sub> [mm]	1.1
B [mm]	22	r <sub>3,4</sub> [mm]	0.6
Weight [kg]	≈ 1.91	s [mm]	3.6
E [mm]	214		



### Mating dimensions

### Calculation data

d <sub>a,min</sub> [mm]	186	C [kN]	122
D <sub>b,min</sub> [mm]	214	C <sub>0</sub> [kN]	225
D <sub>c,max</sub> [mm]	210	C <sub>u</sub> [kN]	25
r <sub>a,max</sub> [mm]	1	n <sub>th</sub> [min <sup>-1</sup> ]	2213
r <sub>b,max</sub> [mm]	0.6	n <sub>g</sub> [min <sup>-1</sup> ]	3500