

# N3914E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	70	d <sub>1</sub> [mm]	≈ 80.7
D [mm]	100	r <sub>1,2</sub> [mm]	1
B [mm]	23	r <sub>3,4</sub> [mm]	0.6
Weight [kg]	≈ 0.588	s [mm]	1.4
E [mm]	93.5		



### Mating dimensions

d <sub>a,min</sub> [mm]	74.6
D <sub>b,min</sub> [mm]	95
D <sub>c,max</sub> [mm]	91
r <sub>a,max</sub> [mm]	1
r <sub>b,max</sub> [mm]	0.6

### Calculation data

C [kN]	82
C <sub>0</sub> [kN]	127
C <sub>u</sub> [kN]	16.6
n <sub>th</sub> [min <sup>-1</sup> ]	4996
n <sub>g</sub> [min <sup>-1</sup> ]	8600