

# N3916E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	80	d <sub>1</sub> [mm]	≈ 90.7
D [mm]	110	r <sub>1,2</sub> [mm]	1
B [mm]	23	r <sub>3,4</sub> [mm]	0.6
Weight [kg]	≈ 0.66	s [mm]	1.4
E [mm]	103.5		



### Mating dimensions

### Calculation data

d <sub>a,min</sub> [mm]	84.6	C [kN]	89.6
D <sub>b,min</sub> [mm]	105	C <sub>0</sub> [kN]	148
D <sub>c,max</sub> [mm]	101	C <sub>u</sub> [kN]	19.3
r <sub>a,max</sub> [mm]	1	n <sub>th</sub> [min <sup>-1</sup> ]	4338
r <sub>b,max</sub> [mm]	0.6	n <sub>g</sub> [min <sup>-1</sup> ]	7700