

# N2018E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	90	d <sub>1</sub> [mm]	≈ 107.6
D [mm]	140	r <sub>1,2</sub> [mm]	1.5
B [mm]	30	r <sub>3,4</sub> [mm]	1.1
Weight [kg]	≈ 1.7	s [mm]	2
E [mm]	130		



### Mating dimensions

d <sub>a,min</sub> [mm]	97
D <sub>b,min</sub> [mm]	132
D <sub>c,max</sub> [mm]	128
r <sub>a,max</sub> [mm]	1.5
r <sub>b,max</sub> [mm]	1

### Calculation data

C [kN]	162
C <sub>0</sub> [kN]	225
C <sub>u</sub> [kN]	29.2
n <sub>th</sub> [min <sup>-1</sup> ]	4150
n <sub>g</sub> [min <sup>-1</sup> ]	6300