

# NUP1818M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	90	d <sub>1</sub> [mm]	≈ 99.1
D [mm]	115	D <sub>1</sub> [mm]	≈ 106.9
B [mm]	13	r <sub>1,2</sub> [mm]	1
Weight [kg]	≈ 0.331	r <sub>3,4</sub> [mm]	0.6
F [mm]	96.5	s [mm]	2.1



### Mating dimensions

d <sub>a, min</sub> [mm]	94.6
d <sub>c, min</sub> [mm]	102
D <sub>a, max</sub> [mm]	110.4
r <sub>a, max</sub> [mm]	1

### Calculation data

C [kN]	37.9
C <sub>0</sub> [kN]	58.1
C <sub>u</sub> [kN]	7.84
n <sub>th</sub> [min <sup>-1</sup> ]	3816
n <sub>g</sub> [min <sup>-1</sup> ]	7100