

# N2918E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	90	d <sub>1</sub> [mm]	≈ 102.6
D [mm]	125	r <sub>1,2</sub> [mm]	1.1
B [mm]	22	r <sub>3,4</sub> [mm]	1
Weight [kg]	≈ 0.821	s [mm]	1.5
E [mm]	117		



### Mating dimensions

d <sub>a,min</sub> [mm]	96
D <sub>b,min</sub> [mm]	118
D <sub>c,max</sub> [mm]	115
r <sub>a,max</sub> [mm]	1
r <sub>b,max</sub> [mm]	1

### Calculation data

C [kN]	92.2
C <sub>0</sub> [kN]	147
C <sub>u</sub> [kN]	19.5
n <sub>th</sub> [min <sup>-1</sup> ]	4018
n <sub>g</sub> [min <sup>-1</sup> ]	6800