

# N1818M3

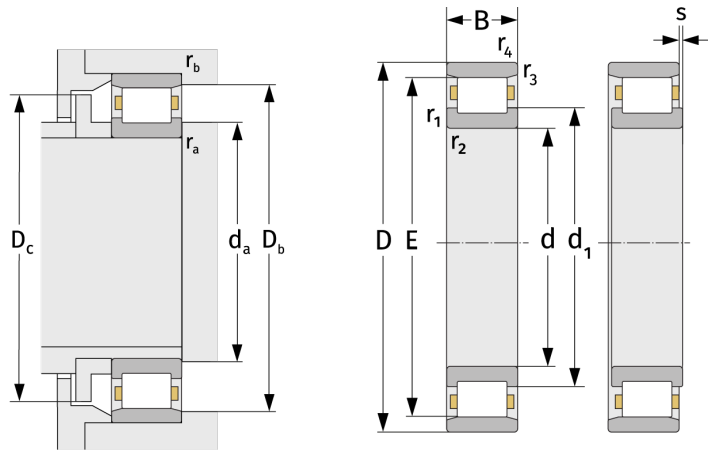
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	90	d <sub>1</sub> [mm]	≈ 99.1
D [mm]	115	r <sub>1,2</sub> [mm]	1
B [mm]	13	r <sub>3,4</sub> [mm]	0.6
E [mm]	109.5	s [mm]	2.1



### Mating dimensions

d <sub>a,min</sub> [mm]	94.6
D <sub>b,min</sub> [mm]	111
D <sub>c,max</sub> [mm]	107
r <sub>a,max</sub> [mm]	1
r <sub>b,max</sub> [mm]	0.6

### 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