

# N314E.M3

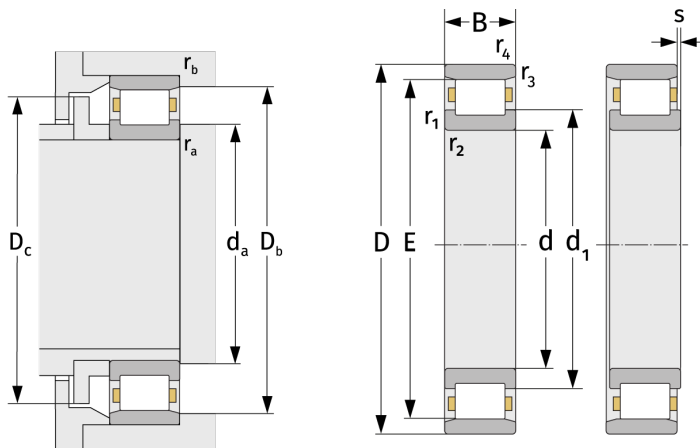
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	70	d <sub>1</sub> [mm]	≈ 97.8
D [mm]	150	r <sub>1,2</sub> [mm]	2.1
B [mm]	35	r <sub>3,4</sub> [mm]	2.1
Weight [kg]	≈ 3	s [mm]	3.4
E [mm]	133		



### Mating dimensions

### Calculation data

d <sub>a,min</sub> [mm]	82	C [kN]	208
D <sub>b,min</sub> [mm]	135	C <sub>0</sub> [kN]	227
D <sub>c,max</sub> [mm]	130	C <sub>u</sub> [kN]	29.9
r <sub>a,max</sub> [mm]	2.1	n <sub>th</sub> [min <sup>-1</sup> ]	4525
r <sub>b,max</sub> [mm]	2.1	n <sub>g</sub> [min <sup>-1</sup> ]	6600