

# NJ319E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	95	d <sub>1</sub> [mm]	≈ 132.7
D [mm]	200	D <sub>1</sub> [mm]	≈ 166.3
B [mm]	45	r <sub>1,2</sub> [mm]	3
Weight [kg]	≈ 7	r <sub>3,4</sub> [mm]	3
F [mm]	121.5	s [mm]	4.7



### Mating dimensions

d <sub>a, min</sub> [mm]	109
d <sub>a, max</sub> [mm]	119
d <sub>b, min</sub> [mm]	124
d <sub>c, min</sub> [mm]	135
D <sub>a, max</sub> [mm]	186
r <sub>a, max</sub> [mm]	2.5

### Calculation data

C [kN]	340
C <sub>0</sub> [kN]	393
C <sub>u</sub> [kN]	47.7
n <sub>th</sub> [min <sup>-1</sup> ]	3548
n <sub>g</sub> [min <sup>-1</sup> ]	4800