

# NJ2815M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	75	d <sub>1</sub> [mm]	≈ 82
D [mm]	95	D <sub>1</sub> [mm]	≈ 88
B [mm]	13	r <sub>1,2</sub> [mm]	0.6
Weight [kg]	≈ 0.221	r <sub>3,4</sub> [mm]	0.3
F [mm]	80	s [mm]	1.5



### Mating dimensions

d <sub>a, min</sub> [mm]	78.2
d <sub>a, max</sub> [mm]	79
d <sub>b, min</sub> [mm]	82
d <sub>c, min</sub> [mm]	85
D <sub>a, max</sub> [mm]	91.8
r <sub>a, max</sub> [mm]	0.6

### Calculation data

C [kN]	31.1
C <sub>0</sub> [kN]	50.7
C <sub>u</sub> [kN]	6.66
n <sub>th</sub> [min <sup>-1</sup> ]	4445
n <sub>g</sub> [min <sup>-1</sup> ]	8600