

# NJ1816M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	80	d <sub>1</sub> [mm]	≈ 87
D [mm]	100	D <sub>1</sub> [mm]	≈ 93
B [mm]	10	r <sub>1,2</sub> [mm]	0.6
Weight [kg]	≈ 0.175	r <sub>3,4</sub> [mm]	0.3
F [mm]	85	s [mm]	1.5



Mating dimensions		Calculation data	
d <sub>a, min</sub> [mm]	83.2	C [kN]	22.9
d <sub>a, max</sub> [mm]	84	C <sub>0</sub> [kN]	35
d <sub>b, min</sub> [mm]	87	C <sub>u</sub> [kN]	4.59
d <sub>c, min</sub> [mm]	90	n <sub>th</sub> [min <sup>-1</sup> ]	3909
D <sub>a, max</sub> [mm]	96.8	n <sub>g</sub> [min <sup>-1</sup> ]	8200
r <sub>a, max</sub> [mm]	0.6		