

# NJ2916E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	80	d <sub>1</sub> [mm]	≈ 90.7
D [mm]	110	D <sub>1</sub> [mm]	≈ 100.3
B [mm]	19	r <sub>1,2</sub> [mm]	1
Weight [kg]	≈ 0.545	r <sub>3,4</sub> [mm]	0.6
F [mm]	87.5	s [mm]	1.4



Mating dimensions		Calculation data	
d <sub>a, min</sub> [mm]	84.6	C [kN]	70.7
d <sub>a, max</sub> [mm]	85	C <sub>0</sub> [kN]	109
d <sub>b, min</sub> [mm]	90	C <sub>u</sub> [kN]	14.2
d <sub>c, min</sub> [mm]	93	n <sub>th</sub> [min <sup>-1</sup> ]	4385
D <sub>a, max</sub> [mm]	105.4	n <sub>g</sub> [min <sup>-1</sup> ]	7700
r <sub>a, max</sub> [mm]	1		