

# NJ2018E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	90	d <sub>1</sub> [mm]	≈ 107.6
D [mm]	140	D <sub>1</sub> [mm]	≈ 124.4
B [mm]	30	r <sub>1,2</sub> [mm]	1.5
Weight [kg]	≈ 1.75	r <sub>3,4</sub> [mm]	1.1
F [mm]	102	s [mm]	2



### Mating dimensions

d <sub>a, min</sub> [mm]	97
d <sub>a, max</sub> [mm]	100
d <sub>b, min</sub> [mm]	104
d <sub>c, min</sub> [mm]	110
D <sub>a, max</sub> [mm]	133
r <sub>a, max</sub> [mm]	1.5

### Calculation data

C [kN]	162
C <sub>0</sub> [kN]	225
C <sub>u</sub> [kN]	29.2
n <sub>th</sub> [min <sup>-1</sup> ]	4150
n <sub>g</sub> [min <sup>-1</sup> ]	6300