

# NJ1920E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	100	d <sub>1</sub> [mm]	≈ 114.5
D [mm]	140	D <sub>1</sub> [mm]	≈ 126.5
B [mm]	20	r <sub>1,2</sub> [mm]	1.1
Weight [kg]	≈ 0.955	r <sub>3,4</sub> [mm]	1
F [mm]	110.5	s [mm]	1.6



Mating dimensions		Calculation data	
d <sub>a, min</sub> [mm]	106	C [kN]	84.2
d <sub>a, max</sub> [mm]	109	C <sub>0</sub> [kN]	126
d <sub>b, min</sub> [mm]	113	C <sub>u</sub> [kN]	16.2
d <sub>c, min</sub> [mm]	116	n <sub>th</sub> [min <sup>-1</sup> ]	3865
D <sub>a, max</sub> [mm]	134	n <sub>g</sub> [min <sup>-1</sup> ]	6000
r <sub>a, max</sub> [mm]	1		