

# NJ220E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	100	d <sub>1</sub> [mm]	≈ 127.8
D [mm]	180	D <sub>1</sub> [mm]	≈ 154.2
B [mm]	34	r <sub>1,2</sub> [mm]	2.1
Weight [kg]	≈ 3.94	r <sub>3,4</sub> [mm]	2.1
F [mm]	119	s [mm]	2.4



Mating dimensions		Calculation data	
d <sub>a, min</sub> [mm]	112	C [kN]	254
d <sub>a, max</sub> [mm]	117	C <sub>0</sub> [kN]	312
d <sub>b, min</sub> [mm]	122	C <sub>u</sub> [kN]	38.4
d <sub>c, min</sub> [mm]	130	n <sub>th</sub> [min <sup>-1</sup> ]	3478
D <sub>a, max</sub> [mm]	168	n <sub>g</sub> [min <sup>-1</sup> ]	5100
r <sub>a, max</sub> [mm]	2.1		