

# N220E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	100	d <sub>1</sub> [mm]	≈ 127.8
D [mm]	180	r <sub>1,2</sub> [mm]	2.1
B [mm]	34	r <sub>3,4</sub> [mm]	2.1
Weight [kg]	≈ 3.83	s [mm]	2.4
E [mm]	163		



### Mating dimensions

### Calculation data

d <sub>a,min</sub> [mm]	112	C [kN]	254
D <sub>b,min</sub> [mm]	165	C <sub>0</sub> [kN]	312
D <sub>c,max</sub> [mm]	160	C <sub>u</sub> [kN]	38.4
r <sub>a,max</sub> [mm]	2.1	n <sub>th</sub> [min <sup>-1</sup> ]	3478
r <sub>b,max</sub> [mm]	2.1	n <sub>g</sub> [min <sup>-1</sup> ]	5100