

# N320E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	100	d <sub>1</sub> [mm]	≈ 140.3
D [mm]	215	r <sub>1,2</sub> [mm]	3
B [mm]	47	r <sub>3,4</sub> [mm]	3
Weight [kg]	≈ 8.41	s [mm]	3.3
E [mm]	191.5		



### Mating dimensions

d <sub>a,min</sub> [mm]	114
D <sub>b,min</sub> [mm]	194
D <sub>c,max</sub> [mm]	187
r <sub>a,max</sub> [mm]	2.5
r <sub>b,max</sub> [mm]	2.5

### Calculation data

C [kN]	391
C <sub>0</sub> [kN]	439
C <sub>u</sub> [kN]	52.3
n <sub>th</sub> [min <sup>-1</sup> ]	3343
n <sub>g</sub> [min <sup>-1</sup> ]	4500