

# NJ3944E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	220	d <sub>1</sub> [mm]	≈ 248.4
D [mm]	300	D <sub>1</sub> [mm]	≈ 273.6
B [mm]	60	r <sub>1,2</sub> [mm]	2.1
Weight [kg]	≈ 13	r <sub>3,4</sub> [mm]	1.5
F [mm]	240	s [mm]	3.2



Mating dimensions		Calculation data	
d <sub>a, min</sub> [mm]	230.2	C [kN]	565
d <sub>a, max</sub> [mm]	237	C <sub>0</sub> [kN]	1100
d <sub>b, min</sub> [mm]	243	C <sub>u</sub> [kN]	114
d <sub>c, min</sub> [mm]	252	n <sub>th</sub> [min <sup>-1</sup> ]	1587
D <sub>a, max</sub> [mm]	289.8	n <sub>g</sub> [min <sup>-1</sup> ]	2700
r <sub>a, max</sub> [mm]	2.1		