

# NJ311E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	55	d <sub>1</sub> [mm]	≈ 77.7
D [mm]	120	D <sub>1</sub> [mm]	≈ 99.3
B [mm]	29	r <sub>1,2</sub> [mm]	2
Weight [kg]	≈ 1.67	r <sub>3,4</sub> [mm]	2
F [mm]	70.5	s [mm]	3



Mating dimensions		Calculation data	
d <sub>a, min</sub> [mm]	66	C [kN]	139
d <sub>a, max</sub> [mm]	69	C <sub>0</sub> [kN]	145
d <sub>b, min</sub> [mm]	72	C <sub>u</sub> [kN]	19
d <sub>c, min</sub> [mm]	80	n <sub>th</sub> [min <sup>-1</sup> ]	5529
D <sub>a, max</sub> [mm]	109	n <sub>g</sub> [min <sup>-1</sup> ]	8300
r <sub>a, max</sub> [mm]	2		