

# N31/530M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	530	d <sub>1</sub> [mm]	≈ 649
D [mm]	870	r <sub>1,2</sub> [mm]	7.5
B [mm]	272	r <sub>3,4</sub> [mm]	7.5
Weight [kg]	≈ 648	s [mm]	23.5
E [mm]	801		



### Mating dimensions

### Calculation data

d <sub>a,min</sub> [mm]	562	C [kN]	7050
D <sub>b,min</sub> [mm]	807	C <sub>0</sub> [kN]	13400
D <sub>c,max</sub> [mm]	796	C <sub>u</sub> [kN]	1043
r <sub>a,max</sub> [mm]	6	n <sub>th</sub> [min <sup>-1</sup> ]	328
r <sub>b,max</sub> [mm]	6	n <sub>g</sub> [min <sup>-1</sup> ]	840