

# N18/530M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	530	d <sub>1</sub> [mm]	≈ 575.2
D [mm]	650	r <sub>1,2</sub> [mm]	3
B [mm]	56	r <sub>3,4</sub> [mm]	3
Weight [kg]	≈ 38.3	s [mm]	8.5
E [mm]	620		



### Mating dimensions

### Calculation data

d <sub>a,min</sub> [mm]	542.4	C [kN]	760
D <sub>b,min</sub> [mm]	624	C <sub>0</sub> [kN]	1740
D <sub>c,max</sub> [mm]	616	C <sub>u</sub> [kN]	143
r <sub>a,max</sub> [mm]	2.5	n <sub>th</sub> [min <sup>-1</sup> ]	712
r <sub>b,max</sub> [mm]	2.5	n <sub>g</sub> [min <sup>-1</sup> ]	1100