

# 62944M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	220	d <sub>1</sub> [mm]	≈ 245.2
D [mm]	300	D <sub>1</sub> [mm]	≈ 275.2
B [mm]	48	r <sub>1,2</sub> [mm]	2.1
Weight [kg]	≈ 9.58		



### Mating dimensions

d <sub>a,min</sub> [mm]	230
D <sub>a,max</sub> [mm]	290
r <sub>a,max</sub> [mm]	2.1

### Calculation data

C [kN]	152
C <sub>0</sub> [kN]	178
C <sub>u</sub> [kN]	5.55
n <sub>th</sub> [min <sup>-1</sup> ]	2907
n <sub>g</sub> [min <sup>-1</sup> ]	3600
f <sub>0</sub>	16,5