

# 6296M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	480	d <sub>1</sub> [mm]	≈ 619.9
D [mm]	870	D <sub>1</sub> [mm]	≈ 731.9
B [mm]	125	r <sub>1,2</sub> [mm]	7.5
Weight [kg]	≈ 357		



### Mating dimensions

d <sub>a,min</sub> [mm]	512
D <sub>a,max</sub> [mm]	838
r <sub>a,max</sub> [mm]	6

### Calculation data

C [kN]	820
C <sub>0</sub> [kN]	1600
C <sub>u</sub> [kN]	30.3
n <sub>th</sub> [min <sup>-1</sup> ]	892
n <sub>g</sub> [min <sup>-1</sup> ]	1200
f <sub>0</sub>	15,6