

# 60816M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	80	d <sub>1</sub> [mm]	≈ 86.6
D [mm]	100	D <sub>1</sub> [mm]	≈ 93.6
B [mm]	8	r <sub>1,2</sub> [mm]	0.3
Weight [kg]	≈ 0.151		



### Mating dimensions

d <sub>a,min</sub> [mm]	82
D <sub>a,max</sub> [mm]	98
r <sub>a,max</sub> [mm]	0.3

### Calculation data

C [kN]	13.1
C <sub>0</sub> [kN]	13.8
C <sub>u</sub> [kN]	0.57
n <sub>th</sub> [min <sup>-1</sup> ]	4042
n <sub>g</sub> [min <sup>-1</sup> ]	11000
f <sub>0</sub>	15,9