

# 16036M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	180	d <sub>1</sub> [mm]	≈ 215.2
D [mm]	280	D <sub>1</sub> [mm]	≈ 245.2
B [mm]	31	r <sub>1,2</sub> [mm]	2
Weight [kg]	≈ 7.79		



### Mating dimensions

d <sub>a,min</sub> [mm]	189
D <sub>a,max</sub> [mm]	271
r <sub>a,max</sub> [mm]	2

### Calculation data

C [kN]	140
C <sub>0</sub> [kN]	148
C <sub>u</sub> [kN]	4.9
n <sub>th</sub> [min <sup>-1</sup> ]	2827
n <sub>g</sub> [min <sup>-1</sup> ]	4100
f <sub>0</sub>	16,2