

# 62018M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	90	d <sub>1</sub> [mm]	≈ 105.7
D [mm]	140	D <sub>1</sub> [mm]	≈ 124.7
B [mm]	30	r <sub>1,2</sub> [mm]	1.5
Weight [kg]	≈ 1.65		



### Mating dimensions

d <sub>a,min</sub> [mm]	97
D <sub>a,max</sub> [mm]	133
r <sub>a,max</sub> [mm]	1.5

### Calculation data

C [kN]	55.5
C <sub>0</sub> [kN]	46.1
C <sub>u</sub> [kN]	2.21
n <sub>th</sub> [min <sup>-1</sup> ]	6483
n <sub>g</sub> [min <sup>-1</sup> ]	8400
f <sub>0</sub>	15,6