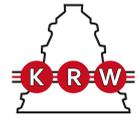


# 63018M

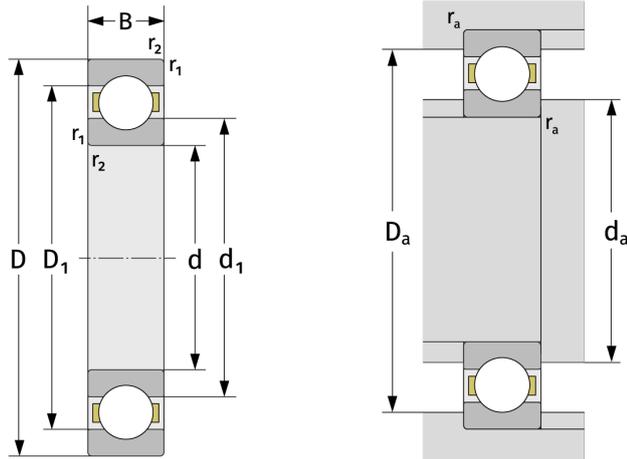
Deep Groove Ball Bearings (single row, metric)



## 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]      | 37     | r <sub>1,2</sub> [mm] | 1.5     |
| Weight [kg] | ≈ 1.96 |                       |         |



### 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> ] | 7381 |
| n <sub>g</sub> [min <sup>-1</sup> ]  | 8400 |
| f <sub>0</sub>                       | 15,6 |