

## Deep Groove Ball Bearing

### 618 Series Deep Groove Ball Bearing-



|  |          |
|--|----------|
| Model                                      |          |
| -  |          |
| -  |          |
| -  | 61801-2Z |
| Basic load rating                          |          |
| Dynamic                                    |          |
| C  |          |
| kN   | 12       |
| static                                     |          |
| C0   |          |
| kN   | 21       |
| Dimension                                  |          |
| -  |          |
| B  |          |
| mm   | 5        |
| -  |          |
| D  |          |
| mm   | 1.74     |
| -  |          |
| d  |          |
| mm   | 0.915    |
| Rated Speed                                |          |
| Reference speed                            |          |
| r/min                                      |          |
| -  | 70 000   |
| limit speed1                               |          |
| r/min                                      |          |
| -  | 36 000   |
| Dimension                                  |          |
| d1   |          |
| ≈  |          |
| mm   | 14.8     |
| D1   |          |
| ≈  |          |
| mm   | -        |
| D2   |          |
| ≈  |          |
| mm   | 19       |
| r1,2                                       |          |
| Min  |          |
| mm   | 0.3      |
| The dimensions of the shoulder and chamfer |          |
| da   |          |
| Min  |          |
| mm   | 14       |
| da   |          |
| Max  |          |
| mm   | 14.7     |
| Da   |          |
| Max  |          |
| mm   | 19       |
| ra   |          |

|                        |        |
|------------------------|--------|
| Max                    |        |
| mm                     | 0.3    |
| Computing coefficients |        |
| -                      |        |
| kr                     |        |
| -                      | 0.015  |
| -                      |        |
| f0                     |        |
| -                      | 13     |
| Weight                 |        |
| -                      |        |
| -                      |        |
| kg                     | 0.0063 |
| Brand                  | MONTON |