

## Deep Groove Ball Bearing

### 619 Series Deep Groove Ball Bearing-61910-2RS1



|  |                   |
|--|-------------------|
| Model                                      |                   |
| -  |                   |
| -  |                   |
| -  | <b>61910-2RS1</b> |
| Basic load rating                          |                   |
| Dynamic                                    |                   |
| C  |                   |
| kN   | 50                |
| static                                     |                   |
| C0   |                   |
| kN   | 72                |
| Dimension                                  |                   |
| -  |                   |
| B  |                   |
| mm   | 12                |
| -  |                   |
| D  |                   |
| mm   | 14.6              |
| -  |                   |
| d  |                   |
| mm   | 11.8              |
| Rated Speed                                |                   |
| Reference speed                            |                   |
| r/min                                      |                   |
| -  | -                 |
| limit speed1                               |                   |
| r/min                                      |                   |
| -  | 5 600             |
| Dimension                                  |                   |
| d1   |                   |
| ≈  |                   |
| mm   | 56.8              |
| D1   |                   |
| ≈  |                   |
| mm   | -                 |
| D2   |                   |
| ≈  |                   |
| mm   | 67.3              |
| r1,2                                       |                   |
| Min  |                   |
| mm   | 0.6               |
| The dimensions of the shoulder and chamfer |                   |
| da   |                   |
| Min  |                   |
| mm   | 54                |
| da   |                   |
| Max  |                   |
| mm   | 56                |
| Da   |                   |
| Max  |                   |
| mm   | 68                |
| ra   |                   |

|                        |        |
|------------------------|--------|
| Max                    |        |
| mm                     | 0.6    |
| Computing coefficients |        |
| -                      |        |
| kr                     |        |
| -                      | 0.02   |
| -                      |        |
| f0                     |        |
| -                      | 16     |
| Weight                 |        |
| -                      |        |
| -                      |        |
| kg                     | 0.14   |
| Brand                  | MONTON |