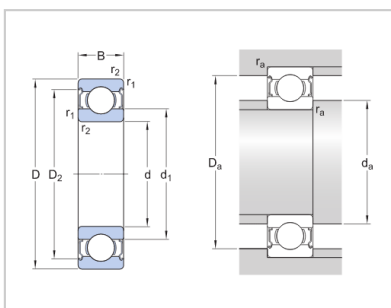


## Deep Groove Ball Bearings

### Single row seal-619/4-2Z



#### Principal dimensions ( mm ) :

|     |    |
|-----|----|
| d : | 4  |
| D : | 11 |
| B : | 4  |

#### Basic load ratings (kN) :

|                         |      |
|-------------------------|------|
| Dynamic C :             | 0.72 |
| Stc Co :                | 0.23 |
| Fatigue load limit Pu : | 0.01 |

#### Speed ratings(r/min) :

|                  |        |
|------------------|--------|
| Speed Ratings :  | 130000 |
| Limiting Speed : | 63000  |
| Masskg :         | 0.0017 |

#### Bearing number :

|                            |          |
|----------------------------|----------|
| With seals on both sides : | 619/4-2Z |
| With seal on one side :    | -        |

#### Principal dimensions ( mm ) :

|        |      |
|--------|------|
| d :    | 4    |
| d1 ~ : | 5.9  |
| d2 ~ : | -    |
| D2 ~ : | 9.8  |
| rMin : | 0.15 |

#### Abutment and fillet dimensions ( mm ) :

|          |      |
|----------|------|
| dMin :   | 4.8  |
| d Max :  | -    |
| Da Max : | 10.2 |
| r Max :  | 0.1  |

Calculation Factors :

|      |      |
|------|------|
| k :  | 0.02 |
| fo : | 9.9  |

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