



## Model: 7209BEP

Basic size of  
mm

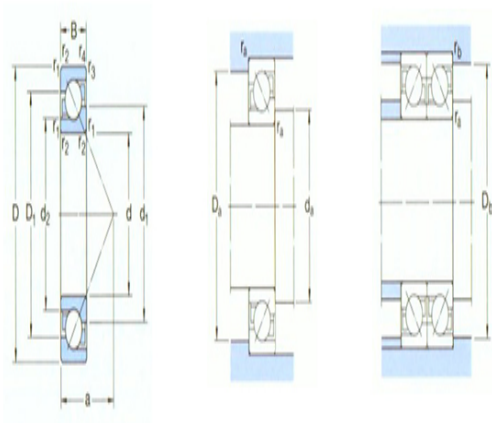
|    |    |
|----|----|
| d: | 45 |
| D: | 85 |
| B: | 19 |

The basic rated load is  
kN

|                           |      |
|---------------------------|------|
| trends C:                 | 35.8 |
| static state Co:          | 26   |
| Fatigue load limit<br>Pu: | 1.12 |

Rated rotation speed is  
r/min

|                     |      |
|---------------------|------|
| Refer to the speed: | 9000 |
| limit speed:        | 9000 |
| Mass<br>kg:         | 0.42 |



Model number <sup>1)</sup>

|                                   |             |
|-----------------------------------|-------------|
| General distribution<br>bearings: | -           |
| Basic design bearings:            | 7209BE<br>P |

Dimensions are  
mm

|                           |      |
|---------------------------|------|
| d:                        | 45   |
| d1 ~ :                    | 60.9 |
| d2 ~ :                    | 52.7 |
| D1 ~ :                    | 70.2 |
| r <sub>1,2</sub> the min: | 1.1  |
| r <sub>3,4</sub> the min: | 0.6  |
| a:                        | 37   |

Shoulder gear and chamfer size  
mm

|                         |      |
|-------------------------|------|
| d <sub>a</sub> the min: | 52   |
| Da the max:             | 78   |
| D <sub>b</sub> the max: | 80.8 |
| r <sub>a</sub> the max: | 1    |

$r_b$  the max:

0.6