



## Model: H319E

Basic size of  
mm

|                  |     |
|------------------|-----|
| d <sub>1</sub> : | 85  |
| D :              | 170 |
| B :              | 43  |

The basic rated load is  
kN

|                            |     |
|----------------------------|-----|
| trends C :                 | 360 |
| static state Co :          | 400 |
| Fatigue load limit<br>Pu : | 44  |

Rated rotation speed is  
r/min

|                                       |      |
|---------------------------------------|------|
| Refer to the speed :                  | 3800 |
| limit speed :                         | 5000 |
| Mass bearing +<br>tightening sleeve : | 5.3  |

model

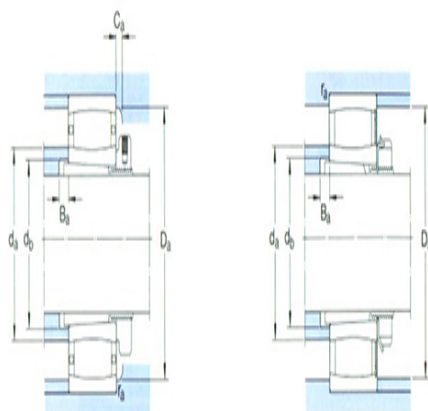
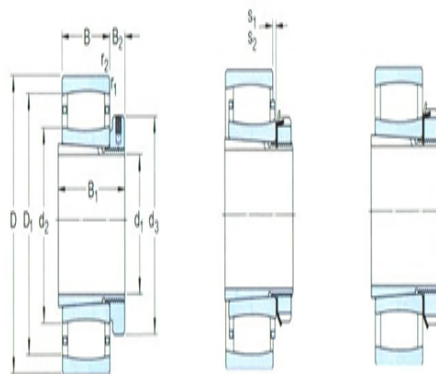
|                              |               |
|------------------------------|---------------|
| bearing :                    | *C2219K1<br>) |
| tapered adapter-<br>sleeve : | H319E         |

Dimensions are  
mm

|                                  |      |
|----------------------------------|------|
| d <sub>1</sub> :                 | 85   |
| d <sub>2</sub> ~ :               | 113  |
| d <sub>3</sub> :                 | 125  |
| D1 ~ :                           | 149  |
| B <sub>1</sub> :                 | 68   |
| B <sub>2</sub> :                 | 20   |
| r <sub>1,2</sub> the min :       | 2.1  |
| s <sub>1</sub> <sup>1)</sup> ~ : | 10.5 |
| s <sub>2</sub> <sup>1)</sup> ~ : | -    |

Shoulder gear and chamfer size  
mm

|                          |     |
|--------------------------|-----|
| d <sub>a</sub> the max : | 112 |
|--------------------------|-----|



|                   |     |
|-------------------|-----|
| $d_b$ the min:    | 102 |
| Da the min:       | 149 |
| Da the max:       | 158 |
| $B_a$ the min:    | 9   |
| $Ca^2$ ) the min: | 4.2 |
| $r_a$ the max:    | 2   |

Calculation coefficient

|         |       |
|---------|-------|
| $k_1$ : | 0.114 |
| $k_2$ : | 0.104 |