



## Model: H310

Basic size of  
mm

|    |     |
|----|-----|
| d: | 45  |
| D: | 110 |
| B: | 27  |

The basic rated load is  
kN

|                           |      |
|---------------------------|------|
| trends C:                 | 43.6 |
| static state Co:          | 14   |
| Fatigue load limit<br>Pu: | 0.72 |

Rated rotation speed is  
r/min

|                                      |       |
|--------------------------------------|-------|
| Refer to the speed:                  | 12000 |
| limit speed:                         | 8000  |
| Mass bearing +<br>tightening sleeve: | 1.45  |

model

|                             |               |
|-----------------------------|---------------|
| bearing:                    | 1310EKTN<br>9 |
| tapered adapter-<br>sleeve: | H310          |

Dimensions are  
mm

|                           |    |
|---------------------------|----|
| d <sub>1</sub> :          | 45 |
| d <sub>3</sub> :          | 70 |
| D1 ~ :                    | 95 |
| B1:                       | 42 |
| B2:                       | 12 |
| r <sub>1,2</sub> the min: | 2  |

Shoulder gear and chamfer size  
mm

|                         |    |
|-------------------------|----|
| d <sub>a</sub> the max: | 70 |
| d <sub>b</sub> the min: | 55 |
| Da the max:             | 99 |
| B <sub>a</sub> the min: | 6  |
| r <sub>a</sub> the max: | 2  |

#### Calculation coefficient

|     |      |
|-----|------|
| e:  | 0.24 |
| Y1: | 2.6  |
| Y2: | 4.1  |
| Y0: | 2.8  |