



## Model: C3160K

Basic size of  
mm

|                  |     |
|------------------|-----|
| d <sub>1</sub> : | 280 |
| D :              | 500 |
| B :              | 160 |

The basic rated load is  
kN

|                            |      |
|----------------------------|------|
| trends C :                 | 3250 |
| static state Co :          | 5200 |
| Fatigue load limit<br>Pu : | 400  |

Rated rotation speed is  
r/min

|                                       |      |
|---------------------------------------|------|
| Refer to the speed :                  | 1000 |
| limit speed :                         | 1300 |
| Mass bearing +<br>tightening sleeve : | 150  |

model

|                          |             |
|--------------------------|-------------|
| bearing :                | *C3160K     |
| tapered adapter-sleeve : | OH3160<br>H |

Dimensions are  
mm

|                                  |      |
|----------------------------------|------|
| d <sub>1</sub> :                 | 280  |
| d <sub>2</sub> ~ :               | 362  |
| d <sub>3</sub> :                 | 380  |
| D1 ~ :                           | 448  |
| B <sub>1</sub> :                 | 208  |
| B <sub>2</sub> :                 | 40   |
| r <sub>1,2</sub> the min :       | 53   |
| s <sub>1</sub> <sup>1)</sup> ~ : | 5    |
| s <sub>2</sub> <sup>1)</sup> ~ : | 30.5 |

Shoulder gear and chamfer size  
mm

|                          |     |
|--------------------------|-----|
| d <sub>a</sub> the max : | 390 |
| d <sub>b</sub> the min : | 318 |

|                            |     |
|----------------------------|-----|
| Da the min:                | 425 |
| Da the max:                | 480 |
| B <sub>a</sub> the min:    | 12  |
| Ca <sup>2</sup> ) the min: | 4.9 |
| r <sub>a</sub> the max:    | 4   |

Calculation coefficient

|                  |       |
|------------------|-------|
| k <sub>1</sub> : | 0.106 |
| k <sub>2</sub> : | 0.106 |