



**Model: 24124-  
2CS2/VT143**

Basic size of  
mm

|    |     |
|----|-----|
| d: | 120 |
| D: | 200 |
| B: | 80  |

The basic rated load is  
kN

|                           |                       |
|---------------------------|-----------------------|
| trends C:                 | 655                   |
| static state Co:          | 950                   |
| Fatigue load limit<br>Pu: | 95                    |
| limit speed:              | 560                   |
| quality:                  | 10.5                  |
| model:                    | *24124-<br>2CS2/VT143 |

Dimensions are  
mm

|                           |     |
|---------------------------|-----|
| d:                        | 120 |
| d <sub>2</sub> ~ :        | 132 |
| D1 ~ :                    | 179 |
| b:                        | 5.5 |
| k:                        | 3   |
| r <sub>1,2</sub> the min: | 2   |

Shoulder gear and chamfer size  
mm

|                         |     |
|-------------------------|-----|
| d <sub>a</sub> the min: | 131 |
| d <sub>a</sub> the max: | 132 |
| Da the max:             | 189 |
| r <sub>a</sub> the max: | 2   |

Calculation coefficient

|     |      |
|-----|------|
| e:  | 0.37 |
| Y1: | 1.8  |
| Y2: | 2.7  |
| Y0: | 1.8  |