



## Model: AH24122

Basic size of  
mm

|                  |     |
|------------------|-----|
| d <sub>1</sub> : | 105 |
| D :              | 180 |
| B :              | 69  |

The basic rated load is  
kN

|                         |      |
|-------------------------|------|
| trends C :              | 670  |
| static state Co :       | 1000 |
| Fatigue load limit Pu : | 102  |

Rated rotation speed is  
r/min

|                                |      |
|--------------------------------|------|
| Refer to the speed :           | -    |
| limit speed :                  | 900  |
| Mass bearing + return sleeve : | 7.75 |

model

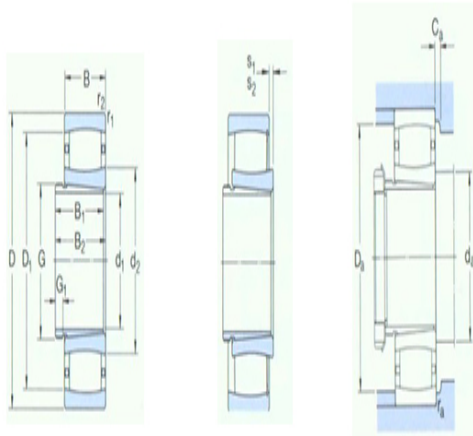
|                     |                |
|---------------------|----------------|
| bearing :           | *C4122K30<br>V |
| withdrawal sleeve : | AH24122        |

Dimensions are  
mm

|                                  |        |
|----------------------------------|--------|
| d <sub>1</sub> :                 | 105    |
| d <sub>2</sub> ~ :               | 132    |
| D1 ~ :                           | 163    |
| B <sub>1</sub> :                 | 82     |
| B <sub>2</sub> <sup>1)</sup> ~ : | 91     |
| G :                              | M115×2 |
| G <sub>1</sub> :                 | 13     |
| r <sub>1,2</sub> the min :       | 2      |
| s <sub>1</sub> <sup>1)</sup> ~ : | 11.4   |
| s <sub>2</sub> <sup>1)</sup> ~ : | 4.6    |

Shoulder gear and chamfer size  
mm

|                          |     |
|--------------------------|-----|
| d <sub>a</sub> the min : | 120 |
|--------------------------|-----|



|                |     |
|----------------|-----|
| $d_a$ the max: | 145 |
|----------------|-----|

|             |   |
|-------------|---|
| Da the min: | - |
|-------------|---|

|             |     |
|-------------|-----|
| Da the max: | 170 |
|-------------|-----|

|                           |   |
|---------------------------|---|
| Ca <sup>3)</sup> the min: | - |
|---------------------------|---|

|                |   |
|----------------|---|
| $r_a$ the max: | 2 |
|----------------|---|

Calculation coefficient

|         |       |
|---------|-------|
| $k_1$ : | 0.111 |
|---------|-------|

|         |       |
|---------|-------|
| $k_2$ : | 0.097 |
|---------|-------|