

**Model: SP40**

Basic size of

mm

|    |    |
|----|----|
| d: | 17 |
| D: | 40 |
| B: | 12 |

The basic rated load is

kN

|                        |      |
|------------------------|------|
| trends C:              | 9.95 |
| static state Co:       | 4.75 |
| Fatigue load limit Pu: | 0.2  |

Rated rotation speed is

r/min

|                             |       |
|-----------------------------|-------|
| Refer to the speed:         | 38000 |
| Limit speed <sup>1)</sup> : | 24000 |
| Mass kg:                    | 0.065 |

model

|                          |         |
|--------------------------|---------|
| Bearing belt stop slot:  | *6203N  |
| Stop slot and stop ring: | *6203NR |
| snap ring:               | SP40    |

Dimensions are

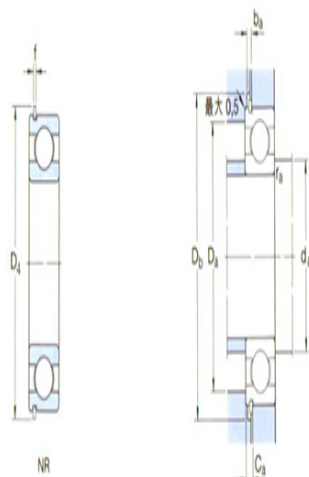
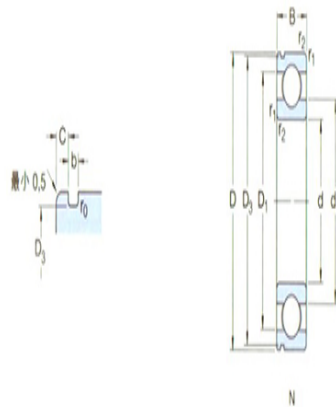
mm

|                           |      |
|---------------------------|------|
| d:                        | 17   |
| d1 ~ :                    | 24.5 |
| D1 ~ :                    | 32.7 |
| D3:                       | 38.1 |
| D4:                       | 44.6 |
| b:                        | 1.35 |
| f:                        | 1.12 |
| C:                        | 2.06 |
| r <sub>1,2</sub> the min: | 0.6  |
| r <sub>0</sub> the max:   | 0.4  |

Shoulder gear and chamfer size

mm

|                         |      |
|-------------------------|------|
| d <sub>a</sub> the min: | 21.2 |
|-------------------------|------|



|                         |      |
|-------------------------|------|
| Da the max:             | 35.8 |
| D <sub>b</sub> the min: | 46   |
| b <sub>a</sub> the min: | 1.5  |
| Ca the max:             | 3.18 |
| r <sub>a</sub> the max: | 0.6  |

Calculation coefficient

|                  |       |
|------------------|-------|
| k <sub>r</sub> : | 0.025 |
| fo:              | 13    |