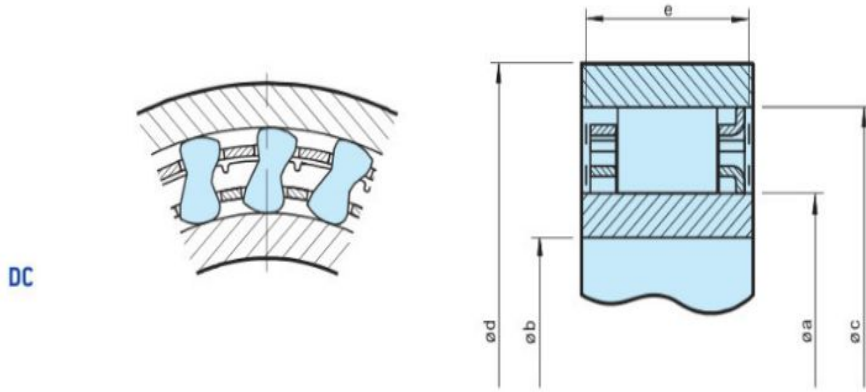


Type DC is a sprag type freewheel cage without inner or outer races. It must be installed in a design providing races, bearing support for axial and radial loads, lubrication and sealing. The DC type version-N accepts all types of lubricants currently used in the power transmission equipment. The sprag space tolerance must not be exceeded. Inner and outer races must both have a minimum plain width "e", without any recess, to ensure the freewheel functions correctly as shown on following pages. Alternatively, races can be made in case hardened steel shafts, or housings, to the specification below. Surface hardness of the finished part should be HRC 60 to 62, for a depth of 0,6 mm minimum. Core hardness to be HRC35 to 45. Surface roughness not to exceed 22CLA. Maximum taper between races: 0,007 mm for 25 mm width.



| Model Number | Drag torque TKN(Nm) | Size(mm) | | | | | | Number of clips | Weight (kg) |
|---------------|---------------------|----------|---------|-------------|------|-----|----|-----------------|-------------|
| | | Φa | Φc | sprag space | e | Φd | Φb | | |
| DC2222G | 50 | 22.225 | 38.885 | 8.33±0.075 | 10 | 50 | 17 | - | 0.03 |
| DC2776 | 95 | 27.762 | 44.422 | 8.33±0.075 | 13.5 | 58 | 21 | - | 0.055 |
| DC3034 | 99 | 30.34 | 47 | 8.33±0.075 | 13.5 | 62 | 23 | - | 0.06 |
| DC3175(3C) | 127 | 31.75 | 48.41 | 8.33±0.075 | 13.5 | 63 | 24 | 3 | 0.06 |
| DC3809A | 220 | 38.092 | 54.752 | 8.33±0.075 | 16 | 71 | 29 | - | 0.085 |
| DC4127(3C) | 179 | 41.275 | 57.935 | 8.33±0.075 | 13.5 | 75 | 32 | 3 | 0.09 |
| DC4445A | 290 | 44.45 | 61.11 | 8.33±0.075 | 16 | 79 | 34 | - | 0.095 |
| DC4972(4C) | 245 | 49.721 | 66.381 | 8.33±0.075 | 13.5 | 86 | 38 | 4 | 0.1 |
| DC5476A | 420 | 54.766 | 71.425 | 8.33±0.075 | 16 | 92 | 42 | - | 0.11 |
| DC5476A(4C) | 420 | 54.765 | 71.425 | 8.33±0.075 | 16 | 92 | 42 | 4 | 0.13 |
| DC5476B(4C) | 615 | 54.765 | 71.425 | 8.33±0.075 | 21 | 92 | 42 | 4 | 0.18 |
| DC5476C(4C) | 792 | 54.765 | 71.425 | 8.33±0.075 | 25.4 | 92 | 42 | 4 | 0.2 |
| DC5776A | 483 | 57.76 | 74.42 | 8.33±0.075 | 16 | 98 | 44 | - | 0.11 |
| DC6334B | 645 | 63.34 | 80 | 8.33±0.075 | 21 | 104 | 50 | - | 0.175 |
| DC7221(5C) | 540 | 72.217 | 88.877 | 8.33±0.075 | 13.5 | 115 | 56 | 5 | 0.14 |
| DC7221B | 1023 | 72.217 | 88.877 | 8.33±0.075 | 21 | 115 | 56 | - | 0.185 |
| DC7221B(5C) | 1023 | 72.217 | 88.877 | 8.33±0.075 | 21 | 115 | 56 | 5 | 0.21 |
| DC7969C(5C) | 1630 | 79.698 | 96.358 | 8.33±0.075 | 25.4 | 124 | 61 | 5 | 0.28 |
| DC8334C | 1645 | 83.34 | 100 | 8.33±0.075 | 25.4 | 132 | 65 | - | 0.27 |
| DC8729A | 1000 | 87.29 | 103.96 | 8.33±0.075 | 16 | 134 | 67 | - | 0.165 |
| DC10323A(3C) | 1290 | 103.231 | 119.891 | 8.33±0.075 | 16 | 155 | 80 | 3 | 0.205 |
| DC12334C | 3840 | 123.34 | 140 | 8.33±0.075 | 25.4 | 184 | 96 | - | 0.4 |
| DC12388C(11C) | 3900 | 123.881 | 142.88 | 9.50±0.10 | 25.4 | 186 | 96 | 11 | 0.4 |

备注事项

- 1) $T_{max} = 2.5 \times T_{KN}$
- 2) 内圈极限转速。
- 3) 外圈极限转速。
- **) 公差加大为 ± 0.013
- 可依客户规格定制，欢迎洽询
- 牵引弹簧和夹子数量可按要求生产

安装参考范例



Notes

- 1) $T_{max} = 2.5 \times T_{KN}$
- 2) Inner race overruns
- 3) Outer race overruns
- **) Extension of tolerance to ± 0.013
- Permissible
- Other dimensions on request
- No. of drag strip and clips may be produced on request

Mounting example



