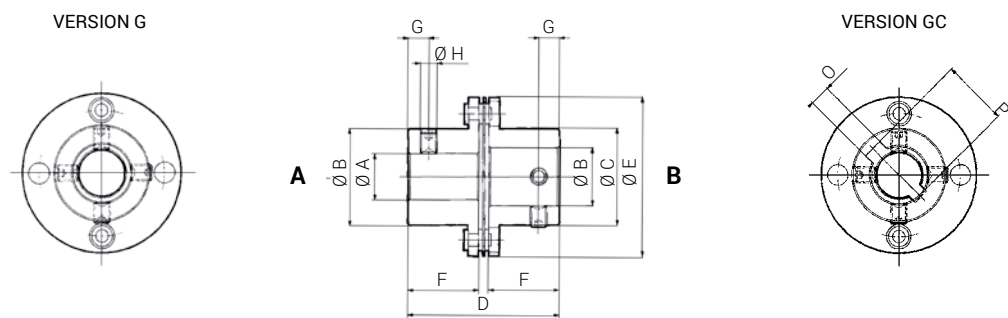


# GEL 2000-C



## CHARACTERISTICS

- The direct connection of the two hubs ensures very small overall dimensions.
- A key and screw version is also available.
- They are used to connect tachogenerators, encoders, motors, gauges and for any other application where constant rotational movement in the four quadrants is required and where absolute torque rigidity is needed even when shaft coupling is not perfectly lined up.



| TECHNICAL DATA                            |                     |                                |         |
|---|---------------------|--------------------------------|---------|
| Nominal torque                            | $T_N$               | Nm                             | 1,53    |
| Maximum torque                            | $T_S$               | Nm                             | 2,20    |
| Axial misalignment max.                   | $\Delta W_a$        | mm.                            | 0,4     |
| Radial misalignment max.                  | $\Delta W_r$        | mm.                            | 0,35    |
| Angular misalignment                      | $\Delta W_w$        | rad                            | 0,02618 |
| Moment of inertia                         | J                   | $\text{Kg m}^2 \times 10^{-6}$ | 5,350   |
| Maximum speed                             | n max               | $\text{min}^{-1}$              | 45.000  |
| Dynamic torsional stiffness $\times 10^2$ | $C_{w \text{ dym}}$ | Nm/rad                         | 24,815  |
| Weight                                    | m                   | Kg                             | 0,037   |

| STANDARD HOLES                           |     |    |      |    |    |   |    |
|--|-----|----|------|----|----|---|----|
| AH7                                      | BH7 | C  | D    | E  | F  | G | H  |
| 3 - 5 - 6 - 7 - 8 - 9,52<br>10 - 11 - 14 |     | 23 | 36,3 | 38 | 17 | 5 | M4 |

| KEYWAY |   |      |
|--------|---|------|
| H7     | O | P    |
| 6      | 2 | 7    |
| 7      | 2 | 8    |
| 8      | 3 | 9    |
| 10     | 3 | 11,4 |
| 11     | 4 | 12,8 |
| 12     | 4 | 13,1 |
| 14     | 5 | 16,3 |