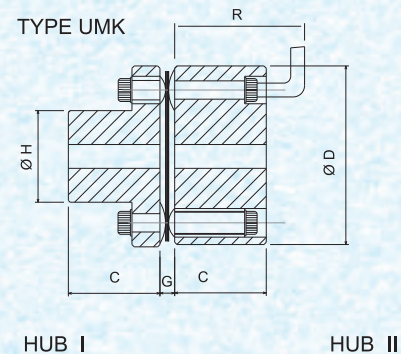


## UMK Type



### Special Features "UMK" Metal Flex Coupling:

- Power to weight ratio HIGH
- Accommodates parallel, angular and axial misalignments.
- High Temperature application
- Flexible membranes replaceable.
- Visual inspection is possible without dismantling equipments.
- Inherently balanced.
- Low axial stiffness with high torsional rigidity.
- Zero backlash.
- High-speed capacity.
- High precision standard.

## Technical Data - UMK

| SIZE | TORQUE<br>NM | KW AT<br>100 RPM | MAX<br>SPEED<br>RPM | BORE |       |        | G    | C   | Ø D | Ø H | R   | WEIGHT IN KG<br>APPROX | M.I. (WR <sup>2</sup> ) IN KGM <sup>2</sup><br>APPROX | TORSIONAL<br>STIFFNESS<br>Nm / Radian |
|------|--------------|------------------|---------------------|------|-------|--------|------|-----|-----|-----|-----|------------------------|---|---------------------------------------|
|      |              |                  |                     | MIN  | MAX   |        |      |     |     |     |     |                        |   |                                       |
|      |              |                  |                     |      | HUB I | HUB II |      |     |     |     |     |                        |   |                                       |
| 5    | 33           | 0.35             | 7500                | 8    | 20    | 22     | 5.2  | 25  | 55  | 30  | 65  | 0.55                   | 0.0002  | 0.036                                 |
| 10   | 64           | 0.67             | 7500                | 10   | 24    | 25     | 6.5  | 30  | 63  | 35  | 75  | 0.87                   | 0.0003  | 0.043                                 |
| 35   | 160          | 1.67             | 7000                | 12   | 30    | 38     | 7.5  | 40  | 82  | 45  | 85  | 1.80                   | 0.0008  | 0.062                                 |
| 95   | 515          | 5.4              | 6000                | 17   | 40    | 50     | 8.0  | 45  | 102 | 57  | 95  | 3.20                   | 0.0026  | 0.118                                 |
| 170  | 860          | 9                | 5200                | 17   | 52    | 70     | 9.5  | 55  | 128 | 77  | 110 | 5.83                   | 0.0087  | 0.260                                 |
| 220  | 1337         | 14               | 4800                | 22   | 65    | 80     | 12.0 | 60  | 146 | 94  | 120 | 8.40                   | 0.017   | 0.492                                 |
| 400  | 2388         | 25               | 4400                | 27   | 80    | 100    | 13.0 | 70  | 176 | 115 | 140 | 14.10                  | 0.045   | 1.228                                 |
| 520  | 3342         | 35               | 4200                | 32   | 90    | 115    | 14.4 | 90  | 197 | 132 | 170 | 22.10                  | 0.089   | 1.926                                 |
| 1000 | 5060         | 53               | 4000                | 42   | 105   | 130    | 16.2 | 95  | 225 | 147 | 165 | 30.70                  | 0.16  | 3.613                                 |
| 1300 | 7161         | 75               | 3800                | 47   | 115   | 140    | 19.5 | 105 | 250 | 162 | 195 | 42.80                  | 0.27  | ON<br>REQUEST                         |
| 2000 | 10025        | 105              | 3700                | 52   | 120   | 155    | 21.5 | 115 | 275 | 178 | 195 | 57.60                  | 0.44  |                                       |
| 2500 | 13367        | 140              | 3600                | 62   | 135   | 165    | 23.5 | 130 | 300 | 190 | 235 | 76.20                  | 0.67  |                                       |