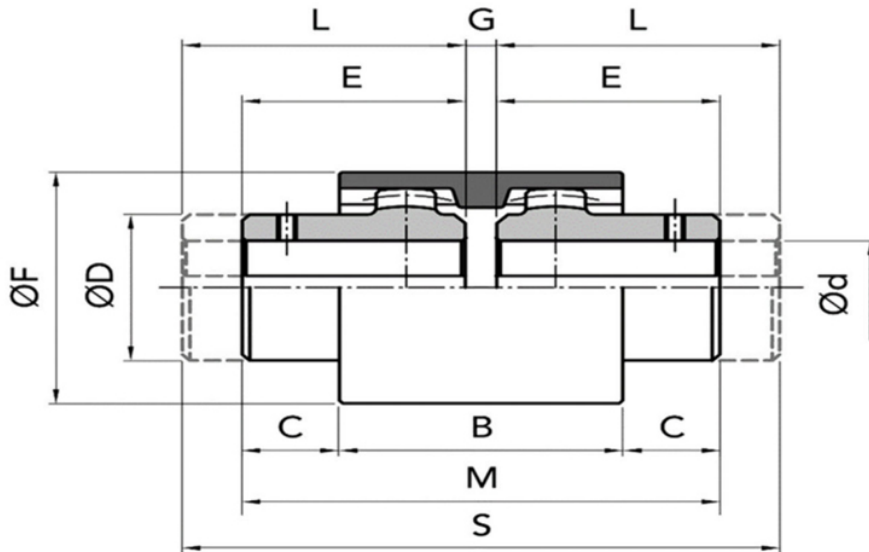




## Nylon Sleeve Gear Couplings



| SIZE | Bore size |     | Tooth profile |    | Dimensions |     |    |    |     |   |     |    |     | Weight (kg)  |          |       |
|------|-----------|-----|---------------|----|------------|-----|----|----|-----|---|-----|----|-----|--------------|----------|-------|
|      | min       | max | Module        | Z  | B          | C   | D  | E  | F   | G | M   | L  | S   | Standard hub | Long hub | Nylon |
| GF14 | 6         | 14  | 1.5           | 20 | 37         | 6.5 | 25 | 23 | 40  | 4 | 50  | 40 | 84  | 0.10         | 0.13     | 0.022 |
| GF19 | 8         | 19  | 1.5           | 24 | 37         | 8.5 | 32 | 25 | 48  | 4 | 54  | 40 | 84  | 0.18         | 0.28     | 0.028 |
| GF24 | 10        | 24  | 1.5           | 28 | 41         | 7.5 | 36 | 26 | 52  | 4 | 56  | 50 | 104 | 0.23         | 0.42     | 0.037 |
| GF28 | 10        | 28  | 1.5           | 34 | 46         | 19  | 45 | 40 | 68  | 4 | 84  | 55 | 114 | 0.54         | 0.79     | 0.086 |
| GF32 | 12        | 32  | 1.5           | 40 | 48         | 18  | 50 | 40 | 76  | 4 | 84  | 55 | 114 | 0.66         | 0.97     | 0.104 |
| GF38 | 14        | 38  | 1.5           | 44 | 48         | 18  | 58 | 40 | 83  | 4 | 84  | 60 | 124 | 0.93         | 1.83     | 0.131 |
| GF42 | 20        | 42  | 1.5           | 50 | 50         | 19  | 63 | 42 | 92  | 4 | 88  | 60 | 124 | 1.10         | 2.76     | 0.187 |
| GF48 | 20        | 48  | 1.5           | 50 | 50         | 27  | 68 | 50 | 95  | 4 | 104 | 60 | 124 | 1.50         | 3.21     | 0.197 |
| GF55 | 25        | 55  | 2             | 45 | 58         | 25  | 82 | 52 | 114 | 4 | 108 | 65 | 134 | 2.63         | 5.12     | 0.357 |
| GF65 | 25        | 65  | 2.5           | 42 | 68         | 23  | 95 | 55 | 132 | 4 | 114 | 70 | 144 | 4.02         | 7.90     | 0.595 |

| SIZE | Power factor RPM |        | Torque |       | Transmitted power in KW to RPM |      |      |      |     |     |       |      | Max. RPM | KG/CM <sup>2</sup> | Weight | Max misalignment per hub | Axial misalignment |    |
|------|------------------|--------|--------|-------|--------------------------------|------|------|------|-----|-----|-------|------|----------|--------------------|--------|--------------------------|--------------------|----|
|      |                  |        |        |       | 750                            | 1000 | 1500 | 3000 |     |     |       |      |          |                    |        |                          |                    |    |
| GF14 | 0.0011           | 0.0023 | 11.5   | 23    | 0.8                            | 1,5  | 1,1  | 2,0  | 1.6 | 3,0 | 3,3   | 6,0  | 14000    | 0.27               | 0.17   | ± 2°                     | 0,7                | ±1 |
| GF19 | 0.0019           | 0.0037 | 18.5   | 36.5  | 1.3                            | 2,7  | 1,8  | 3,7  | 2.7 | 5,5 | 5,4   | 11,1 | 12000    | 0.64               | 0.28   | ± 2°                     | 0,8                | ±1 |
| GF24 | 0.0023           | 0.0047 | 23     | 46    | 1.7                            | 3,5  | 2,3  | 4,7  | 3.4 | 7,0 | 6,9   | 14,1 | 10000    | 0.92               | 0.31   | ± 2°                     | 0,8                | ±1 |
| GF28 | 0.0053           | 0.0106 | 51.5   | 103.5 | 3.9                            | 7,9  | 5,2  | 10,6 | 7.8 | 16  | 15,6  | 32   | 8000     | 3.45               | 0.78   | ± 2°                     | 1,0                | ±1 |
| GF32 | 0.0071           | 0.0142 | 69     | 138   | 5.2                            | 10,5 | 7,0  | 14,1 | 11  | 21  | 21,0  | 42   | 7100     | 5.03               | 0.92   | ± 2°                     | 1,0                | ±1 |
| GF38 | 0.009            | 0.0181 | 88     | 176   | 6.7                            | 13,5 | 9,0  | 18,0 | 14  | 27  | 27,0  | 54   | 6300     | 9.59               | 1.28   | ± 2°                     | 0,9                | ±1 |
| GF42 | 0.0113           | 0.0226 | 110    | 220   | 8.4                            | 16,8 | 11,2 | 22,5 | 17  | 34  | 33,6  | 68   | 6000     | 13.06              | 1.47   | ± 2°                     | 0,9                | ±1 |
| GF48 | 0.0158           | 0.0317 | 154    | 308   | 12                             | 23,6 | 15,8 | 31,6 | 24  | 47  | 47,4  | 95   | 5600     | 18.15              | 1.78   | ± 2°                     | 0,9                | ±1 |
| GF55 | 0.029            | 0.058  | 285    | 570   | 22                             | 43,5 | 29,0 | 58,0 | 44  | 87  | 87,0  | 174  | 4800     | 49.44              | 3.38   | ± 2°                     | 1,2                | ±1 |
| GF65 | 0.0432           | 0.0865 | 420    | 840   | 32                             | 64,3 | 42,9 | 85,8 | 64  | 129 | 128,7 | 257  | 4000     | 106.34             | 4.99   | ± 2°                     | 1,3                | ±1 |