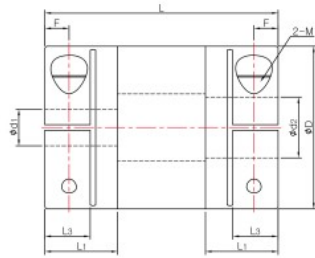


SHR SERIES

High Performance Rubber Coupling



Dimensions / Performance

| Model | Size ($\pm 0.3\text{mm}$) | | | | | Screw | | Rated Torque (N·m) | Max. Torque (N·m) | Max. rpm (min^{-1}) | Moment of Inertia ($\text{kg}\cdot\text{m}^2$) | Static Torsional Stiffness (N·m/rad) | Mass (g) | Permissible Misalignment | | | Side-clamp Hub Split (W) |
|---------|-----------------------------|------|----------------|----------------|-----|-------|------------------------|--------------------|-------------------|--------------------------------|--|--------------------------------------|----------|--------------------------|---------------|---------------|--------------------------|
| | D | L | L ₁ | L ₃ | F | Size | Fastening Torque (N·m) | | | | | | | Angular (°) | Parallel (mm) | End-play (mm) | |
| SHR-14C | 13.8 | 22.4 | 6.7 | 4 | 2.1 | M1.6 | 0.3 | 1 | 2 | 42,000 | 1.6×10^{-7} | 41 | 6 | 1.5 | 0.15 | ± 0.2 | ○ |
| SHR-18C | 17.8 | 25.5 | 8 | 5 | 2.7 | M2 | 0.6 | 1.9 | 3.8 | 33,000 | 4.9×10^{-7} | 84 | 11 | 1.5 | 0.15 | ± 0.2 | ○ |
| SHR-24C | 23.8 | 31.2 | 9.6 | 6.3 | 3.1 | M2.6 | 1.1 | 3.5 | 7 | 25,000 | 1.9×10^{-6} | 132 | 22 | 1.5 | 0.15 | ± 0.2 | ○ |
| SHR-29C | 28.8 | 35 | 11 | 7.2 | 3.7 | M3 | 1.8 | 5.7 | 11.4 | 21,000 | 4.4×10^{-6} | 209 | 34 | 1.5 | 0.2 | ± 0.3 | ○ |
| SHR-33C | 32.8 | 37 | 12 | 7.3 | 3.8 | M3 | 1.8 | 7 | 14 | 18,000 | 8.3×10^{-6} | 370 | 51 | 1.5 | 0.2 | ± 0.3 | ○ |
| SHR-38C | 37.8 | 47 | 15.5 | 8.9 | 4.6 | M4 | 3.7 | 12 | 24 | 16,000 | 1.8×10^{-5} | 479 | 78 | 1.5 | 0.2 | ± 0.3 | ○ |
| SHR-43C | 42.8 | 48 | 15.5 | 9 | 4.8 | M4 | 3.7 | 16 | 32 | 14,000 | 3.2×10^{-5} | 610 | 115 | 1.5 | 0.2 | ± 0.3 | ○ |
| SHR-55C | 54.8 | 59 | 19.5 | 10.8 | 5.5 | M5 | 8.5 | 31.5 | 63 | 11,000 | 1.1×10^{-4} | 1,430 | 250 | 1.5 | 0.2 | ± 0.3 | ○ |

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- Please modify rated/max. torque value with temperature correction factor when it's higher than 30°C.
- Max. torque/rated torque is the value regarding to a coupling's self-durability and is not related to slip-torque between the coupling bore and the shaft.

Standard Inner Diameter (ID)

| Model | Standard Inner Diameter (d_1, d_2) (mm) | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|-----|---|---|------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| | 3 | 4 | 4.5 | 5 | 6 | 6.35 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 25 | |
| SHR-14C | ● | ● | ● | ● | ● | | | | | | | | | | | | | | | | | | |
| SHR-18C | | ● | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | | | |
| SHR-24C | | | | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | |
| SHR-29C | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | | | |
| SHR-33C | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | | |
| SHR-38C | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | |
| SHR-43C | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| SHR-55C | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

- The recommended shaft tolerance is h7.
- Custom process (e.g. non-standard Inner diameter, special tolerance etc.) is also available upon a special request in prior to order placement.
- Keyway is available. (Optional)
- Side-clamp Hub Split is available. (Optional)