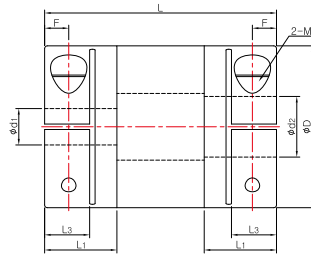


SHR SERIES

* قطعات موجود در انبار بقیه سایز ها به زودی

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}	1430	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)



SHR SERIES

* قطعات موجود در انبار بقیه سایزها به زودی

High Performance Rubber Coupling

Slip Torque

- The below table shows the actual permissible torque values when the slip torque value is lower than the coupling's max. torque value.
- If the slip torque value is lower than the coupling's max. torque value, please check and compare between the slip torque in the below table and the operating torque value of the connected motor. It is safer to size up the coupling or use a key/keyway when the slip torque value is lower than the motor's operating torque.
- The below slip torque values may be subject to change according to different testing conditions. (e.g. shaft tolerance, Surface roughness, or acceleration/deceleration of driving shafts). On the other hand, the values could be affected when a different kind of fastening screw is used (body material or surface treatment). Therefore, we recommend you test under the same conditions before mounting.

Model	Max. Torque(N·m)	Slip Torque (N.m) by Inner Diameter (d ₁ , d ₂)																				
		3	4	4.5	5	6	6.35	7	8	10	11	12	14	15	16	17	18	19	20	22	24	
SHR-14C	2	0.5	0.6	0.6	0.7	0.8																
SHR-18C	3.8		1.5	1.6	1.6	1.9	2	2.5	2.9													
SHR-24C	7				4	4.6	5	5.5	6													
SHR-29C	11.4					5	5.5	6	6.4													
SHR-33C	14								8	9	10	12										
SHR-38C	24								9	12	13	17	19	20	21							
SHR-43C	32									14	15	16	20	21	22	23	24	25	29			
SHR-55C	63												35	38	40	42	45	47	50	53	56	60

Side-clamp Hub Split(W) Option is available on all sizes of SHR series

- Please refer to "HOW TO ORDER" page for more details.



Temperature Correction Factor

- Please modify rated/max. torque value with the below temperature correction factor when it's higher than 30°C.

Ambient Temperature	Correction Factor
-20 °C ~ 30 °C	1.0
30 °C ~ 40 °C	0.8
40 °C ~ 60 °C	0.7
60 °C ~ 120 °C	0.55

