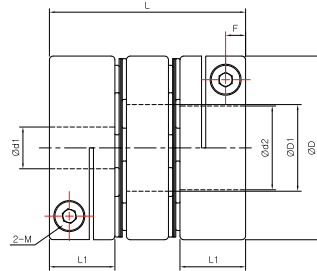


SAD SERIES (SADW)

* قطعات موجود در انبار بقیه سایزها به زودی

Advanced Double Disk Type Coupling

Side-clamp



Dimensions / Performance

Model	Size (±0.3mm)					Screw		Rated Torque (N·m)	Max. Torque (N·m)	Max. rpm (min ⁻¹)	Moment of Inertia (kg·m ²)	Static Torsional Stiffness (N·m/rad)	Mass (g)	Permissible Misalignment			Side-clamp Hub Split (W)
	D	D ₁	L	L ₁	F	Size	Fastening Torque (N·m)							Angular (°)	Parallel (mm)	End-play (mm)	
SADW-19C	19	8.5	26.8	8.5	2.6	M2	0.5	1.3	2.6	14,000	9.1 × 10 ⁻⁷	600	18	2	0.1	±0.2	X
SADW-27C	27	14.5	34.4	11	3.3	M2.6	1	3	6	10,000	4.8 × 10 ⁻⁶	1,300	42	2	0.15	±0.3	X
SADW-32C	32	15.5	40	12	3.6	M3	1.7	4.5	9	9,000	1.1 × 10 ⁻⁵	2,000	72.6	2	0.2	±0.4	X
SADW-35C	35	16.5	37.4	12.5	3.8	M3	1.7	6	12	8,500	1.5 × 10 ⁻⁵	2,200	83	2	0.2	±0.4	X
SADW-40C	40	20.5	46.9	15.5	4.5	M4	3.5	12	24	8,500	3.3 × 10 ⁻⁵	4800	132.6	2	0.2	±0.4	X
SADW-44C	44	22.5	46.9	15.5	4.5	M4	3.5	14	28	8,000	5.0 × 10 ⁻⁵	6,000	161	2	0.2	±0.6	X

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- 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	9	9.525	10	11	12	12.7	14	15	15.875	16	17	18	19	20	22	
SADW-19C	●	●	●	●	●	●	●	●																
SADW-27C		●	●	●	●	●	●	●	●	●	●	●	●	●★	●★									
SADW-32C				●	●	●	●	●	●	●	●	●	●	●	●★	●★								
SADW-35C				●	●	●	●	●	●	●	●	●	●	●	●	●★	●★							
SADW-40C					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●★	●★	●★		
SADW-44C								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

- 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)
- Regarding IDs with ★ mark, we ask you to check with our customer support team for availability in advance.

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.

제품 번호	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	9	9.525	10	11	12	12.7
SADW-19C	2.6	0.7	1.3	1.5	1.9	2.3	2.4								
SADW-27C	6		2.1	2.5	2.6	3	3.5	3.7	4.8						
SADW-32C	9				3.1	3.9	4.1	4.5	5.3	6	7	8.8			
SADW-35C	12				3.3	4.5	6.9	6.9	8.6	9.3	10.4	11.1			
SADW-40C	24					4.8	6.5	7.5	8.3	9	10.2	14.2	15.5	17.6	19.4
SADW-44C	28								8	10	12	13	17	24	25

