

SERVOFLEX SFC SA2 - Datasheet

SINGLE ELEMENT TYPE

Specifications

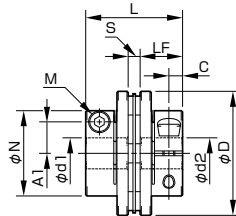
Model	Shape type	Rated torque [N·m]	Misalignment			Max. rotation speed [min ⁻¹]	Torsional stiffness [N·m/rad]	Axial stiffness [N/mm]	Moment of inertia [kg·m ²]	Mass [kg]
			Parallel [mm]	Angular [°]	Axial [mm]					
SFC-002SA2	C	0.25	0.01	0.5	± 0.04	10000	190	34	0.06 × 10 ⁻⁶	0.003
SFC-005SA2	C	0.6	0.02	0.5	± 0.05	10000	500	140	0.26 × 10 ⁻⁶	0.007
SFC-010SA2	C	1	0.02	1	± 0.1	10000	1400	140	0.58 × 10 ⁻⁶	0.011
SFC-020SA2	C	2	0.02	1	± 0.15	10000	3700	64	2.39 × 10 ⁻⁶	0.025
SFC-025SA2	C	4	0.02	1	± 0.19	10000	5600	60	3.67 × 10 ⁻⁶	0.029
SFC-030SA2	A	5	0.02	1	± 0.2	10000	8000	64	4.07 × 10 ⁻⁶	0.034
	B								6.09 × 10 ⁻⁶	0.041
	C								8.20 × 10 ⁻⁶	0.049
SFC-035SA2	C	10	0.02	1	± 0.25	10000	18000	112	18.44 × 10 ⁻⁶	0.082
SFC-040SA2	A	12	0.02	1	± 0.3	10000	20000	80	16.71 × 10 ⁻⁶	0.077
	B								22.55 × 10 ⁻⁶	0.085
	C								29.25 × 10 ⁻⁶	0.100
SFC-050SA2	A	25	0.02	1	± 0.4	10000	32000	48	55.71 × 10 ⁻⁶	0.159
	B								76.26 × 10 ⁻⁶	0.177
	C								99.03 × 10 ⁻⁶	0.206
SFC-055SA2	C	40	0.02	1	± 0.42	10000	50000	43	188.0 × 10 ⁻⁶	0.314
SFC-060SA2	A	60	0.02	1	± 0.45	10000	70000	76.4	145.9 × 10 ⁻⁶	0.283
	B								205.0 × 10 ⁻⁶	0.326
	C								268.6 × 10 ⁻⁶	0.385
SFC-080SA2	C	100	0.02	1	± 0.55	10000	140000	128	710.6 × 10 ⁻⁶	0.708
SFC-090SA2	C	180	0.02	1	± 0.65	10000	100000	108	1236 × 10 ⁻⁶	0.946
SFC-100SA2	C	250	0.02	1	± 0.74	10000	120000	111	1891 × 10 ⁻⁶	1.202

• The rated torque of the coupling may be limited for bore diameters.
 • Higher rpm possible with balancing.

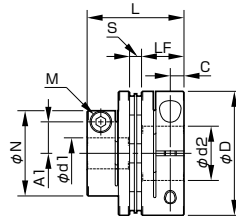
• Torsional stiffness values given are measured values for the flexible element alone.
 • The moment of inertia and mass are specified for the maximum bore diameter.

Dimensions

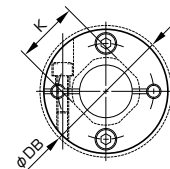
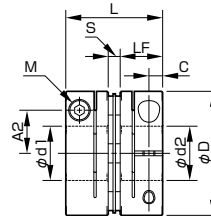
■ TYPE A



■ TYPE B



■ TYPE C



Model	Shape type	d1 [mm]		d2 [mm]		D [mm]	DB [mm]	N [mm]	L [mm]	LF [mm]	S [mm]	A1 [mm]	A2 [mm]	C [mm]	K [mm]	M Quantity - Nominal dia.	Tightening torque [N·m]	
		Min.	Max.	Min.	Max.													
SFC-002SA2	C	3	5	3	5	12	12.4	—	12.35	5.9	0.55	—	3.7	1.9	5.6	1-M1.6	0.23 ~ 0.28	
SFC-005SA2	C	3	6	3	6	16	—	—	16.7	7.85	1	—	4.8	2.5	6.5	1-M2	0.4 ~ 0.5	
SFC-010SA2	C	3	8	3	8	19	—	—	19.35	9.15	1.05	—	5.8 (6)	3.15	8.5	1-M2.5 (M2)	1.0 ~ 1.1 (0.4 ~ 0.5)	
SFC-020SA2	C	4	10	4	11	26	—	—	23.15	10.75	1.65	—	9.5	3.3	10.6	1-M2.5	1.0 ~ 1.1	
SFC-025SA2	C	5	14	5	14	29	—	—	23.4	10.75	1.9	—	11	3.3	14.5	1-M2.5	1.0 ~ 1.1	
SFC-030SA2	A	5	10	5	10	34	—	21.6	27.3	12.4	2.5	8	—	3.75	14.5	1-M3	1.5 ~ 1.9	
	B	5	10	Over 10	16								—					12.5
	C	Over 10	14	Over 10	16								—					12.5
SFC-035SA2	C	6	16	6	19	39	—	—	34	15.5	3	—	14	4.5	17	1-M4	3.4 ~ 4.1	
SFC-040SA2	A	8	15	8	15	44	—	29.6	34	15.5	3	11	—	4.5	19.5	1-M4	3.4 ~ 4.1	
	B	8	15	Over 15	24								—					17
	C	Over 15	19	Over 15	24								—					17
SFC-050SA2	A	8	19	8	19	56	—	38	43.4	20.5	2.4	14.5	22	6	26	1-M5	7.0 ~ 8.5	
	B	8	19	Over 19	30								—					22
	C	Over 19	25	Over 19	30								—					22
SFC-055SA2	C	10	30	10	30	63	—	—	50.6	24	2.6	—	23	7.75	31	1-M6	14 ~ 15	
SFC-060SA2	A	11	24	11	24	68	—	46	53.6	25.2	3.2	17.5	—	7.75	31	1-M6	14 ~ 15	
	B	11	24	Over 24	35								—					26.5
	C	Over 24	30	Over 24	35								—					26.5
SFC-080SA2	C	18	35	18	40	82	—	—	68	30	8	—	28	9	38	1-M8	27 ~ 30	
SFC-090SA2	C	25	40	25	45	94	—	—	68.3	30	8.3	—	34	9	42	1-M8	27 ~ 30	
SFC-100SA2	C	32	45	32	45	104	—	—	69.8	30	9.8	—	39	9	48	1-M8	27 ~ 30	

• φDB = Interference radius of the screw head
 • The figures in parentheses () for the SFC-010 are the values when d1 or d2 is ø8 mm.

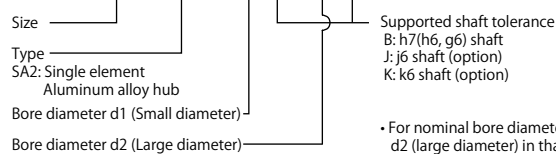
Standard Bore Diameter

		Standard (option) bore diameter, d1/d2 [mm] and related rated torque [N-m]																																
Nominal bore diameter		3	4	5	6	6.35	7	8	9	9.525	10	11	12	13	14	15	16	17	18	19	20	22	24	25	28	30	32	35	38	40	42	45		
Shaft tolerance	h7 (h6 - g6)	B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	j6 (Option)	J																		○	○	○	○	○										
	k6 (Option)	K							○	○						○	○			○	○	○					○	○						
Supported bore diameter for each model	SFC-002SA2	d1	●	●	●																													
	d2	●	●	●																														
	SFC-005SA2	d1	●	●	●	●																												
	d2	●	●	●	●																													
	SFC-010SA2	d1	●	●	●	●	●	●																										
	d2	●	●	●	●	●	●	●																										
	SFC-020SA2	d1		●	●	●	●	●	●	●	●	●																						
	d2		●	●	●	●	●	●	●	●	●	●	●																					
	SFC-025SA2	d1			2.1	●	●	●	●	●	●	●	●	●	●	●																		
	d2			2.1	●	●	●	●	●	●	●	●	●	●	●	●	●																	
	SFC-030SA2	d1			2.8	3.4	●	●	●	●	●	●	●	●	●	●	●																	
	d2			2.8	3.4	●	●	●	●	●	●	●	●	●	●	●	●	●																
	SFC-035SA2	d1			5	5	6.6	●	●	●	●	●	●	●	●	●	●	●																
	d2			5	5	6.6	●	●	●	●	●	●	●	●	●	●	●	●	●															
	SFC-040SA2	d1						9	●	●	●	●	●	●	●	●	●	●	●	●														
	d2							9	●	●	●	●	●	●	●	●	●	●	●	●	●	●												
	SFC-050SA2	d1						18	20	22	22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	d2							18	20	22	22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	SFC-055SA2	d1										31	34	36	38	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	d2											31	34	36	38	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
SFC-060SA2	d1											50	51	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
d2												50	51	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
SFC-080SA2	d1																																	
d2																																		
SFC-090SA2	d1																																	
d2																																		
SFC-100SA2	d1																																	
d2																																		

- The shaft tolerance for standard bore diameter is h7 (h6 or g6): designation B. However, for a bore diameter of ø35, the shaft tolerance is $^{+0.010}_{-0.025}$.
- Shaft tolerances j6/k6: designations J/K are optional, and are only supported for bore diameters marked with ○.
- Bore diameters marked with ● or numbers are supported as the standard bore diameters. Please contact Miki Pulley regarding special arrangements which may be possible for other bore diameters.
- Bore diameters whose fields contain numbers are restricted in their rated torque by the holding power of the shaft connection component because the bore diameter is small. The numbers indicate the rated torque [N-m].

How to Place an Order

SFC-025SA2-10B-14K



- For nominal bore diameter, select d1 (small diameter) – d2 (large diameter) in that order.
- If d1=d2 (same diameters), select B, J, and K in that order.

SERVOFLEX SFC DA2 - Datasheet

DOUBLE ELEMENT TYPE

Specifications

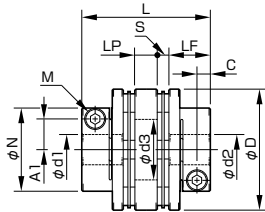
Model	Shape type	Rated torque [N·m]	Misalignment			Max. rotation speed [min ⁻¹]	Torsional stiffness [N·m/rad]	Axial stiffness [N/mm]	Moment of inertia [kg·m ²]	Mass [kg]
			Parallel [mm]	Angular [°]	Axial [mm]					
SFC-002DA2	C	0.25	0.03	1	± 0.08	10000	95	17	0.07 × 10 ⁻⁶	0.004
SFC-005DA2	C	0.6	0.05	1	± 0.1	10000	250	70	0.37 × 10 ⁻⁶	0.010
SFC-010DA2	C	1	0.11	2	± 0.2	10000	700	70	0.80 × 10 ⁻⁶	0.015
SFC-020DA2	C	2	0.15	2	± 0.33	10000	1850	32	3.43 × 10 ⁻⁶	0.035
SFC-025DA2	C	4	0.16	2	± 0.38	10000	2800	30	5.26 × 10 ⁻⁶	0.040
SFC-030DA2	A	5	0.18	2	± 0.4	10000	4000	32	7.43 × 10 ⁻⁶	0.054
	B								9.45 × 10 ⁻⁶	0.060
	C								11.56 × 10 ⁻⁶	0.068
SFC-035DA2	C	10	0.24	2	± 0.5	10000	9000	56	26.93 × 10 ⁻⁶	0.121
SFC-040DA2	A	12	0.24	2	± 0.6	10000	10000	40	29.98 × 10 ⁻⁶	0.124
	B								35.82 × 10 ⁻⁶	0.131
	C								42.52 × 10 ⁻⁶	0.146
SFC-050DA2	A	25	0.28	2	± 0.8	10000	16000	24	98.34 × 10 ⁻⁶	0.250
	B								118.9 × 10 ⁻⁶	0.268
	C								141.7 × 10 ⁻⁶	0.298
SFC-055DA2	C	40	0.31	2	± 0.84	10000	25000	21.5	261.3 × 10 ⁻⁶	0.459
SFC-060DA2	A	60	0.34	2	± 0.9	10000	35000	38.2	256.6 × 10 ⁻⁶	0.447
	B								315.7 × 10 ⁻⁶	0.489
	C								379.3 × 10 ⁻⁶	0.549
SFC-080DA2	C	100	0.52	2	± 1.10	10000	70000	64	1039 × 10 ⁻⁶	1.037
SFC-090DA2	C	180	0.52	2	± 1.30	10000	50000	54	1798 × 10 ⁻⁶	1.369
SFC-100DA2	C	250	0.55	2	± 1.48	10000	60000	55.5	2754 × 10 ⁻⁶	1.739

• The rated torque of the coupling may be limited for bore diameters.
• Higher rpm possible with balancing.

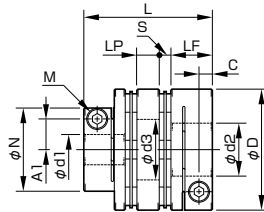
• Torsional stiffness values given are measured values for the flexible element alone.
• The moment of inertia and mass are specified for the maximum bore diameter.

Dimensions

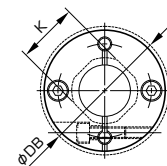
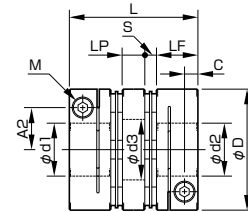
TYPE A



TYPE B



TYPE C



Model	Shape type	d1 [mm]		d2 [mm]		D [mm]	DB [mm]	N [mm]	L [mm]	LF [mm]	LP [mm]	S [mm]	A1 [mm]	A2 [mm]	C [mm]	d3 [mm]	K [mm]	M Quantity - Nominal dia.	Tightening torque [N·m]
		Min.	Max.	Min.	Max.														
SFC-002DA2	C	3	5	3	5	12	12.4	—	15.7	5.9	2.8	0.55	—	3.7	1.9	5.2	5.6	1-M1.6	0.23 ~ 0.28
SFC-005DA2	C	3	6	3	6	16	—	—	23.2	7.85	5.5	1	—	4.8	2.5	6.5	6.5	1-M2	0.4 ~ 0.5
SFC-010DA2	C	3	8	3	8	19	—	—	25.9	9.15	5.5	1.05	—	5.8 (6)	3.15	8.5	8.5	1-M2.5 (M2)	1.0 ~ 1.1 (0.4 ~ 0.5)
SFC-020DA2	C	4	10	4	11	26	—	—	32.3	10.75	7.5	1.65	—	9.5	3.3	10.6	10.6	1-M2.5	1.0 ~ 1.1
SFC-025DA2	C	5	14	5	14	29	—	—	32.8	10.75	7.5	1.9	—	11	3.3	15	14.5	1-M2.5	1.0 ~ 1.1
SFC-030DA2	A	5	10	5	10	34	—	21.6	37.8	12.4	8	2.5	8	—	3.75	15	14.5	1-M3	1.5 ~ 1.9
	B	5	10	Over 10	16								8	12.5					
	C	Over 10	14	Over 10	16								—	12.5					
SFC-035DA2	C	6	16	6	19	39	—	—	48	15.5	11	3	—	14	4.5	17	17	1-M4	3.4 ~ 4.1
SFC-040DA2	A	8	15	8	15	44	—	29.6	48	15.5	11	3	11	—	4.5	20	19.5	1-M4	3.4 ~ 4.1
	B	8	15	Over 15	24								11	17					
	C	Over 15	19	Over 15	24								—	17					
SFC-050DA2	A	8	19	8	19	56	—	38	59.8	20.5	14	2.4	14.5	—	6	26	26	1-M5	7.0 ~ 8.5
	B	8	19	Over 19	30								14.5	22					
	C	Over 19	25	Over 19	30								—	22					
SFC-055DA2	C	10	30	10	30	63	—	—	68.7	24	15.5	2.6	—	23	7.75	31	31	1-M6	14 ~ 15
SFC-060DA2	A	11	24	11	24	68	—	46	73.3	25.2	16.5	3.2	17.5	—	7.75	31	31	1-M6	14 ~ 15
	B	11	24	Over 24	35								17.5	26.5					
	C	Over 24	30	Over 24	35								—	26.5					
SFC-080DA2	C	18	35	18	40	82	—	—	98	30	22	8	—	28	9	40	38	1-M8	27 ~ 30
SFC-090DA2	C	25	40	25	45	94	—	—	98.6	30	22	8.3	—	34	9	47	42	1-M8	27 ~ 30
SFC-100DA2	C	32	45	32	45	104	—	—	101.6	30	22	9.8	—	39	9	50	48	1-M8	27 ~ 30

• phi DB = Interference radius of the screw head
• The figures in parentheses () for the SFC-010 are the values when d1 or d2 is phi 8 mm.

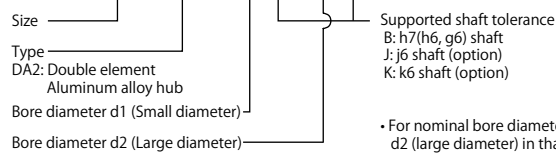
Standard Bore Diameter

		Standard (option) bore diameter, d1/d2 [mm] and related rated torque [N-m]																																
Nominal bore diameter		3	4	5	6	6.35	7	8	9	9.525	10	11	12	13	14	15	16	17	18	19	20	22	24	25	28	30	32	35	38	40	42	45		
Shaft tolerance	h7 (h6 - g6)	B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	j6 (Option)	J																		○	○	○	○	○										
	k6 (Option)	K						○	○							○	○			○	○	○					○	○						
Supported bore diameter for each model	SFC-002DA2	d1	●	●	●																													
	d2	●	●	●																														
	SFC-005DA2	d1	●	●	●	●																												
	d2	●	●	●	●																													
	SFC-010DA2	d1	●	●	●	●	●	●																										
	d2	●	●	●	●	●	●	●																										
	SFC-020DA2	d1		●	●	●	●	●	●	●	●	●																						
	d2		●	●	●	●	●	●	●	●	●	●	●																					
	SFC-025DA2	d1			2.1	●	●	●	●	●	●	●	●	●	●	●																		
	d2			2.1	●	●	●	●	●	●	●	●	●	●	●	●	●																	
	SFC-030DA2	d1			2.8	3.4	●	●	●	●	●	●	●	●	●	●	●																	
	d2			2.8	3.4	●	●	●	●	●	●	●	●	●	●	●	●	●																
	SFC-035DA2	d1			5	5	6.6	●	●	●	●	●	●	●	●	●	●	●																
	d2			5	5	6.6	●	●	●	●	●	●	●	●	●	●	●	●	●															
	SFC-040DA2	d1						9	●	●	●	●	●	●	●	●	●	●	●	●														
	d2							9	●	●	●	●	●	●	●	●	●	●	●	●	●	●												
	SFC-050DA2	d1						18	20	22	22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	d2							18	20	22	22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	SFC-055DA2	d1										31	34	36	38	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	d2											31	34	36	38	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
SFC-060DA2	d1											50	51	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
d2												50	51	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
SFC-080DA2	d1																																	
d2																																		
SFC-090DA2	d1																																	
d2																																		
SFC-100DA2	d1																																	
d2																																		

- The shaft tolerance for standard bore diameter is h7 (h6 or g6): designation B. However, for a bore diameter of ø35, the shaft tolerance is $^{+0.010}_{-0.025}$.
- Shaft tolerances j6/k6: designations J/K are optional, and are only supported for bore diameters marked with ○.
- Bore diameters marked with ● or numbers are supported as the standard bore diameters. Please contact Miki Pulley regarding special arrangements which may be possible for other bore diameters.
- Bore diameters whose fields contain numbers are restricted in their rated torque by the holding power of the shaft connection component because the bore diameter is small. The numbers indicate the rated torque [N-m].

How to Place an Order

SFC-025DA2-10B-14K



- For nominal bore diameter, select d1 (small diameter) – d2 (large diameter) in that order.
- If d1=d2 (same diameters), select B, J, and K in that order.

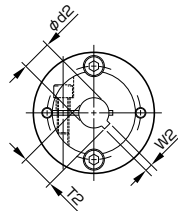
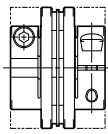
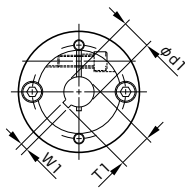
Options For keyway milling applications



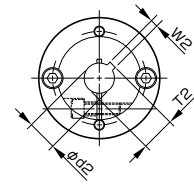
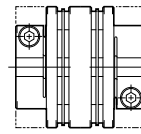
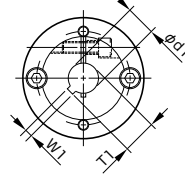
If you are using a keyed shaft, we can mill a keyway in the clamping hub to your specifications.

Keyway Milling Standard

SFC(SA2)



SFC(DA2)



H9 keyway width standards										JS9 keyway width standards																	
Nominal bore dia. Shaft diameter	Shaft tolerance			Bore dia. d1 · d2 [mm]	Keyway width W1 · W2 [mm]	Keyway height T1 · T2 [mm]	Nominal bore dia. Shaft diameter	Shaft tolerance			Bore dia. d1 · d2 [mm]	Keyway width W1 · W2 [mm]	Keyway height T1 · T2 [mm]	Nominal bore dia. Shaft diameter	Shaft tolerance			Bore dia. d1 · d2 [mm]	Keyway width W1 · W2 [mm]	Keyway height T1 · T2 [mm]							
	h7	j6	k6					h7	j6	k6					h7	j6	k6				h7	j6	k6				
8	BH	—	KH	8	3 ^{+0.025} ₀	9.4 ^{+0.3} ₀	20	BH	—	—	20	6 ^{+0.030} ₀	22.8 ^{+0.3} ₀	8	BJ	—	KJ	8	3 ± 0.0125	9.4 ^{+0.3} ₀	20	BJ	—	—	20	6 ± 0.0150	22.8 ^{+0.3} ₀
9	BH	—	KH	9	3 ^{+0.025} ₀	10.4 ^{+0.3} ₀	22	BH	JH	KH	22	6 ^{+0.030} ₀	24.8 ^{+0.3} ₀	9	BJ	—	KJ	9	3 ± 0.0125	10.4 ^{+0.3} ₀	22	BJ	JJ	KJ	22	6 ± 0.0150	24.8 ^{+0.3} ₀
10	BH	—	—	10	3 ^{+0.025} ₀	11.4 ^{+0.3} ₀	24	BH	JH	KH	24	8 ^{+0.036} ₀	27.3 ^{+0.3} ₀	10	BJ	—	—	10	3 ± 0.0125	11.4 ^{+0.3} ₀	24	BJ	JJ	KJ	24	8 ± 0.0180	27.3 ^{+0.3} ₀
11	BH	—	—	11	4 ^{+0.030} ₀	12.8 ^{+0.3} ₀	25	BH	—	—	25	8 ^{+0.036} ₀	28.3 ^{+0.3} ₀	11	BJ	—	—	11	4 ± 0.0150	12.8 ^{+0.3} ₀	25	BJ	—	—	25	8 ± 0.0180	28.3 ^{+0.3} ₀
12	BH	—	—	12	4 ^{+0.030} ₀	13.8 ^{+0.3} ₀	28	BH	JH	—	28	8 ^{+0.036} ₀	31.3 ^{+0.3} ₀	12	BJ	—	—	12	4 ± 0.0150	13.8 ^{+0.3} ₀	28	BJ	JJ	—	28	8 ± 0.0180	31.3 ^{+0.3} ₀
13	BH	—	—	13	5 ^{+0.030} ₀	15.3 ^{+0.3} ₀	30	BH	—	—	30	8 ^{+0.036} ₀	33.3 ^{+0.3} ₀	13	BJ	—	—	13	5 ± 0.0150	15.3 ^{+0.3} ₀	30	BJ	—	—	30	8 ± 0.0180	33.3 ^{+0.3} ₀
14	BH	—	KH	14	5 ^{+0.030} ₀	16.3 ^{+0.3} ₀	32	BH	—	KH	32	10 ^{+0.036} ₀	35.3 ^{+0.3} ₀	14	BJ	—	KJ	14	5 ± 0.0150	16.3 ^{+0.3} ₀	32	BJ	—	KJ	32	10 ± 0.0180	35.3 ^{+0.3} ₀
15	BH	—	—	15	5 ^{+0.030} ₀	17.3 ^{+0.3} ₀	35	BH	—	—	35	10 ^{+0.036} ₀	38.3 ^{+0.3} ₀	15	BJ	—	—	15	5 ± 0.0150	17.3 ^{+0.3} ₀	35	BJ	—	—	35	10 ± 0.0180	38.3 ^{+0.3} ₀
16	BH	—	KH	16	5 ^{+0.030} ₀	18.3 ^{+0.3} ₀	38	BH	—	KH	38	10 ^{+0.036} ₀	41.3 ^{+0.3} ₀	16	BJ	—	KJ	16	5 ± 0.0150	18.3 ^{+0.3} ₀	38	BJ	—	KJ	38	10 ± 0.0180	41.3 ^{+0.3} ₀
17	BH	—	—	17	5 ^{+0.030} ₀	19.3 ^{+0.3} ₀	40	BH	—	—	40	12 ^{+0.043} ₀	43.3 ^{+0.3} ₀	17	BJ	—	—	17	5 ± 0.0150	19.3 ^{+0.3} ₀	40	BJ	—	—	40	12 ± 0.0215	43.3 ^{+0.3} ₀
18	BH	—	—	18	6 ^{+0.030} ₀	20.8 ^{+0.3} ₀	42	BH	—	—	42	12 ^{+0.043} ₀	45.3 ^{+0.3} ₀	18	BJ	—	—	18	6 ± 0.0150	20.8 ^{+0.3} ₀	42	BJ	—	—	42	12 ± 0.0215	45.3 ^{+0.3} ₀
19	BH	JH	KH	19	6 ^{+0.030} ₀	21.8 ^{+0.3} ₀	45	BH	—	—	45	14 ^{+0.043} ₀	48.8 ^{+0.3} ₀	19	BJ	JJ	KJ	19	6 ± 0.0150	21.8 ^{+0.3} ₀	45	BJ	—	—	45	14 ± 0.0215	48.8 ^{+0.3} ₀

* We can also handle standards not listed above. Please contact Miki Pulley.

Standard Bore Diameter

		Standard (option) bore diameter, d1/d2 [mm] and related rated torque [N·m]																								
Nominal bore diameter		8	9	10	11	12	13	14	15	16	17	18	19	20	22	24	25	28	30	32	35	38	40	42	45	
Shaft tolerance	h7 (h6 · g6)	B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	j6 (Option)	J																○								
	k6 (Option)	K	○	○					○		○			○		○	○				○		○			
Supported bore diameter for each model	SFC-025DA2	d1	●	●	●	●	●	●																		
		d2	●	●	●	●	●	●																		
	SFC-030DA2	d1	●	●	●	●	●	●	●																	
		d2	●	●	●	●	●	●	●	●																
	SFC-040DA2	d1	9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		d2	9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	SFC-050DA2	d1	18	20	22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		d2	18	20	22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	SFC-055DA2	d1			31	34	36	38	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		d2			31	34	36	38	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	SFC-060DA2	d1				50	51	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		d2				50	51	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	SFC-080DA2	d1										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		d2										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SFC-090DA2	d1																									
	d2																									
SFC-100DA2	d1																									
	d2																									

* The shaft tolerance for standard bore diameter is h7 (h6 or g6): designation B. However, for a bore diameter of a35, the shaft tolerance is ± 0.010 / -0.025 .

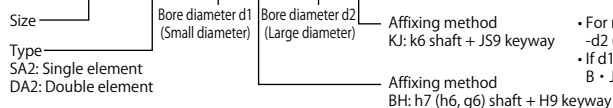
* Shaft tolerances j6/k6: designations J/K are optional, and are only supported for bore diameters marked with ○.

* Bore diameters marked with ● or numbers are supported as the standard bore diameters. Please contact Miki Pulley regarding special arrangements which may be possible for other bore diameters.

* Bore diameters whose fields contain numbers are restricted in their rated torque by the holding power of the shaft connection component because the bore diameter is small. The numbers indicate the rated torque [N·m].

How to Place an Order

SFC-060SA2-12BH-14KJ



* For nominal bore diameter, select d1 (small diameter) -d2 (large diameter) in that order.
 * If d1=d2 (same diameters), select B, J, and K in that order.
 B · J · K · BH · BJ · JH · JJ · KH · KJ