

SFC(DA2) Types Double Element Type

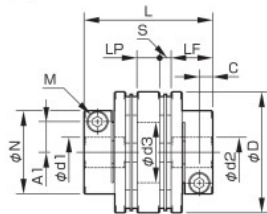
Specifications

Model	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	0.5(On one side)	± 0.08	10000	95	17	0.07 × 10 ⁻⁶	0.004
SFC-005DA2	C	0.6	0.05	0.5(On one side)	± 0.1	10000	250	70	0.37 × 10 ⁻⁶	0.010
SFC-010DA2	C	1	0.11	1(On one side)	± 0.2	10000	700	70	0.80 × 10 ⁻⁶	0.015
SFC-020DA2	C	2	0.15	1(On one side)	± 0.33	10000	1850	32	3.43 × 10 ⁻⁶	0.035
SFC-025DA2	C	4	0.16	1(On one side)	± 0.38	10000	2800	30	5.26 × 10 ⁻⁶	0.040
SFC-030DA2	A	5	0.18	1(On one side)	± 0.4	10000	4000	32	7.43 × 10 ⁻⁶	0.054
	B	5	0.18	1(On one side)	± 0.4	10000	4000	32	9.45 × 10 ⁻⁶	0.060
	C	5	0.18	1(On one side)	± 0.4	10000	4000	32	11.56 × 10 ⁻⁶	0.068
SFC-035DA2	C	10	0.24	1(On one side)	± 0.5	10000	9000	56	26.93 × 10 ⁻⁶	0.121
SFC-040DA2	A	12	0.24	1(On one side)	± 0.6	10000	10000	40	29.98 × 10 ⁻⁶	0.124
	B	12	0.24	1(On one side)	± 0.6	10000	10000	40	35.82 × 10 ⁻⁶	0.131
	C	12	0.24	1(On one side)	± 0.6	10000	10000	40	42.52 × 10 ⁻⁶	0.146
SFC-050DA2	A	25	0.28	1(On one side)	± 0.8	10000	16000	24	98.34 × 10 ⁻⁶	0.250
	B	25	0.28	1(On one side)	± 0.8	10000	16000	24	118.9 × 10 ⁻⁶	0.268
	C	25	0.28	1(On one side)	± 0.8	10000	16000	24	141.7 × 10 ⁻⁶	0.298
SFC-055DA2	C	40	0.31	1(On one side)	± 0.84	10000	25000	21.5	261.3 × 10 ⁻⁶	0.459
SFC-060DA2	A	60	0.34	1(On one side)	± 0.9	10000	35000	38.2	256.6 × 10 ⁻⁶	0.447
	B	60	0.34	1(On one side)	± 0.9	10000	35000	38.2	315.7 × 10 ⁻⁶	0.489
SFC-080DA2	A	60	0.34	1(On one side)	± 0.9	10000	35000	38.2	379.3 × 10 ⁻⁶	0.549
	C	60	0.34	1(On one side)	± 0.9	10000	35000	38.2	379.3 × 10 ⁻⁶	0.549
SFC-080DA2	C	100	0.52	1(On one side)	± 1.10	10000	70000	64	1039 × 10 ⁻⁶	1.037
SFC-090DA2	C	180	0.52	1(On one side)	± 1.30	10000	50000	54	1798 × 10 ⁻⁶	1.369
SFC-100DA2	C	250	0.55	1(On one side)	± 1.48	10000	60000	55.5	2754 × 10 ⁻⁶	1.739

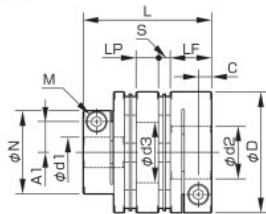
- * Types A / B / C are automatically specified by Miki Pulley according to the combination of bore diameters you select, and cannot be specified by the customer.
- * Check the Standard Bore Diameters as rated torque may be restricted by the holding power of the shaft connection component.
- * Max. rotation speed does not take into account dynamic balance.
- * Torsional stiffness values given are measured values for the element alone.
- * The moment of inertia and mass are measured for the maximum bore diameter.

Dimensions

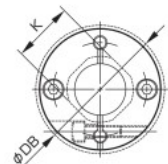
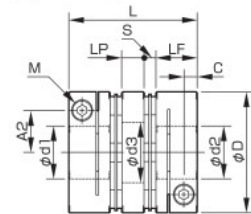
■ TYPE A



■ TYPE B



■ TYPE C



Model	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 Qty - 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	34	—	21.6	37.8	12.4	8	2.5	8	12.5	3.75	15	14.5	1-M3	1.5 ~ 1.9
	C	Over 10	14	Over 10	16	34	—	—	37.8	12.4	8	2.5	—	12.5	3.75	15	14.5	1-M3	1.5 ~ 1.9
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	44	—	29.6	48	15.5	11	3	11	17	4.5	20	19.5	1-M4	3.4 ~ 4.1
	C	Over 15	19	Over 15	24	44	—	—	48	15.5	11	3	—	17	4.5	20	19.5	1-M4	3.4 ~ 4.1
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	56	—	38	59.8	20.5	14	2.4	14.5	22	6	26	26	1-M5	7.0 ~ 8.5
SFC-055DA2	A	10	30	10	30	63	—	—	68.7	24	15.5	2.6	—	23	7.75	31	31	1-M6	14 ~ 15
	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	68	—	46	73.3	25.2	16.5	3.2	17.5	26.5	7.75	31	31	1-M6	14 ~ 15
SFC-080DA2	A	18	35	18	40	82	—	—	98	30	22	8	—	28	9	40	38	1-M8	27 ~ 30
	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

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- * The φDB value is measured assuming that the head of the clamping bolt is larger than the external diameter of the hub.
- * The K dimension is the inner diameter of the element. For d2 dimension exceeding this value, shaft can be inserted only up to LF dimension to the d2 side hub.
- * The nominal diameter for the clamping bolt M is equal to the quantity minus the nominal diameter of the screw threads, where the quantity is for a hub on one side.
- * The figures in parentheses () for the SFC-010 are the values when d1 or d2 is ø8 mm.