



SERVOFLEX SFC COUPLING

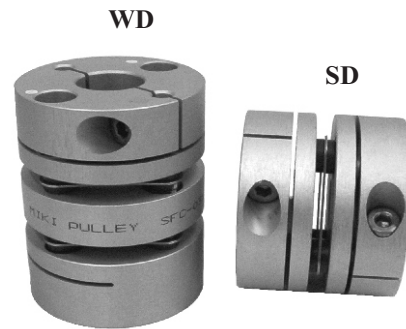
SERVOCLASS

ServoClass Couplings are specifically designed to meet the precision positioning requirements and high reverse-load characteristics common to many of today's AC and DC servomotor applications.

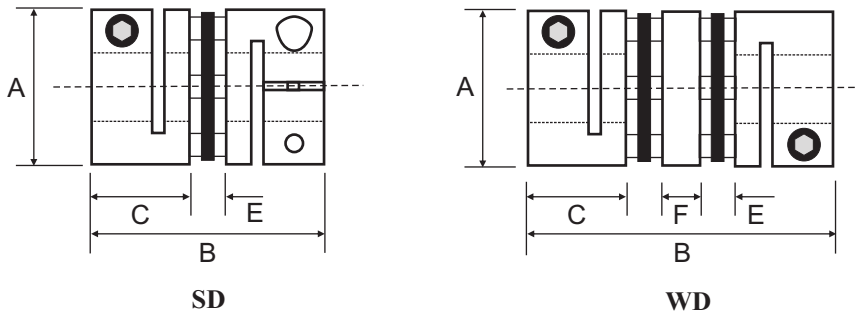
ServoClass Couplings feature zero-backlash flexible metal discs and zero-backlash "keyless" clamp-type mounting hubs. This high-performance coupling has high torsional stiffness and low inertia to avoid system resonance. Yet it is remarkably flexible as a result of its double-flex-disc design, which provides exceptional misalignment capacity. This flexibility reduces reaction loads, thereby extending the operating life of the connected components while providing smoother system performance.

PERFORMANCE DATA

Part No.		Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)	Normal Maximum Speed (RPM)
SD	WD				
SFC-010SD	SFC-010WD	8.0	0.010	1.0	10000
SFC-020SD	SFC-020WD	10.0	0.016	1.5	10000
SFC-030SD	SFC-030WD	14.0	0.031	3.0	10000
SFC-035SD	SFC-035WD	16.0	0.063	6.0	10000
SFC-040SD	SFC-040WD	19.0	0.094	9.0	10000
SFC-050SD	SFC-050WD	25.0	0.262	25.0	10000
SFC-060SD	SFC-060WD	30.0	0.628	60.0	10000
SFC-080SD	SFC-080WD	35.0	1.047	100.0	10000



DIMENSIONAL DATA



Part No		Bore		A	B		C	E	F
		Min	Max		SD	WD			
SFC-010SD	SFC-010WD	4.0	8.0	19.0	19.9	26.7	9.0	1.9	5.0
SFC-020SD	SFC-020WD	5.0	10.0	26.0	23.5	31.9	10.5	2.5	6.0
SFC-030SD	SFC-030WD	6.0	14.0	34.0	27.1	37.2	12.0	3.1	7.0
SFC-035SD	SFC-035WD	8.0	16.0	39.0	34.1	47.2	15.0	4.1	9.0
SFC-040SD	SFC-040WD	8.0	19.0	44.0	34.1	47.2	15.0	4.1	9.0
SFC-050SD	SFC-050WD	10.0	25.0	56.0	45.0	61.0	20.0	5.0	11.0
SFC-060SD	SFC-060WD	15.0	30.0	68.0	54.0	74.0	24.0	6.0	14.0
SFC-080SD	SFC-080WD	20.0	35.0	82.0	68.0	98.0	30.0	8.0	22.0



SERVOFLEX SFS COUPLING

SERVOCLASS

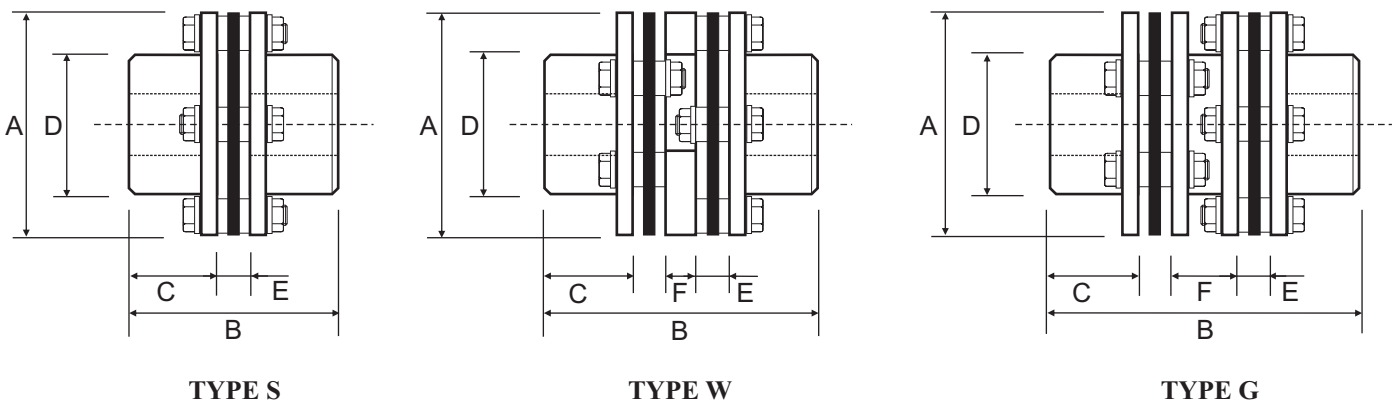
The SFS ServoClass Couplings are also designed to meet the precision positioning requirements and high reverse-load characteristics. With higher torque ratings this coupling suits larger applications. ServoClass Couplings feature zero-backlash flexible metal discs. This high-performance coupling has high torsional stiffness and low inertia to avoid system resonance. Yet it is remarkably flexible as a result of its double-flex-disc design, which provides exceptional misalignment capacity. Available in single 'S', double 'W' and spacer 'G' type.

PERFORMANCE DATA



Part No.			Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)	Normal Maximum Speed (RPM)		
S	W	G				S	W	G
SFS-05S	SFS-05W	SFS-05G	20.0	0.209	20.0	25000	10000	20000
SFS-06S	SFS-06W	SFS-06G	25.0	0.419	40.0	20000	8000	16000
SFS-08S	SFS-08W	SFS-08G	35.0	0.838	80.0	17000	6800	13000
SFS-09S	SFS-09W	SFS-09G	38.0	1.885	180.0	15000	6000	12000
SFS-10S	SFS-10W	SFS-10G	42.0	2.618	250.0	13000	5200	10000
SFS-12S	SFS-12W	SFS-12G	50.0	4.712	450.0	11000	4400	8000
SFS-14S	SFS-14W	SFS-14G	60.0	8.377	800.0	9500	3800	7000

DIMENSIONAL DATA



Part No.			Bore		A			B			C	D	E	F	
S	W	G	Min	Max	S	W	G	C	D	E	W	G	W	G	
SFS-05S	SFS-05W	SFS-05G	7.0	20.0	56.0	45.0	58.0	74.0	20.0	32.0	5.0	8.0	24.0	24.0	
SFS-06S	SFS-06W	SFS-06G	7.0	25.0	68.0	56.0	74.0	86.0	25.0	40.0	6.0	12.0	24.0	24.0	
SFS-08S	SFS-08W	SFS-08G	12.0	35.0	82.0	66.0	84.0	98.0	30.0	54.0	6.0	12.0	26.0	26.0	
SFS-09S	SFS-09W	SFS-09G	12.0	38.0	94.0	68.0	98.0	106.0	30.0	58.0	8.0	22.0	30.0	30.0	
SFS-10S	SFS-10W	SFS-10G	20.0	42.0	104.0	80.0	110.0	120.0	35.0	68.0	10.0	20.0	30.0	30.0	
SFS-12S	SFS-12W	SFS-12G	20.0	50.0	126.0	91.0	127.0	140.0	40.0	78.0	11.0	25.0	38.0	38.0	
SFS-14S	SFS-14W	SFS-14G	20.0	60.0	144.0	102.0	144.0	160.0	45.0	88.0	12.0	30.0	46.0	46.0	