

Introduction

Welcome to Servometer® precision motion control couplings. As a premier provider of extremely flexible and highly dependable bellows and beam couplings, we offer a wide choice between standard parts for replacement, testing and development, or a custom bellows design for peak efficiency and reliable 24/7 operation even in extreme environments.

Applications we support:

- Resolvers
- Encoders
- Stepper and Servo Motors
- Small Pumps
- Fans and Blowers
- More

SAFETY WARNING

Servometer urges you to follow OSHA and/or ASME safety precautions and manufacturer instructions during installation, start-up and operation of any coupling assembly regardless of style, size or configuration. Servometer/PMG, LLC is not responsible for any liabilities due to misuse, improper handling, installation or monitoring that result in system failure or breakage, personal injury, or death. Do not exceed the parameters of the catalog ratings. Shafts should not exceed the length of the hub of a bellows coupling.



SELECTION PROCESS

Matching your application requirements with the right coupling depends upon the coupling design. First, you want to consider the performance characteristics of solid beam couplings and metal bellows. Critical factors to consider include material, torque, bore size, and misalignment capacity.

You may also want to consider construction. Beam couplings are a single piece construction of stainless steel, while bellows couplings are an assembly of two end pieces and a thin walled metal bellows. The assembly is created by using an adhesive of some variety in most cases.

Important Parameters to consider before selecting a coupling:

- Maximum instantaneous torque when the coupling is extended and compressed
- Extension/Compression required during operation
- Maximum parallel misalignment of the shafts
- Maximum angular misalignment of the shafts
- Maximum allowable windup
- Space Limitation (i.e. overall length of the coupling, maximum outside diameter)

Custom bellows coupling configurations are possible to meet many requirements that are not listed within this catalog. If you think a custom coupling is your best solution, please contact your local Servometer representative.

ABOUT SERVOMETER

“Making the Impossible... Possible”

Servometer has been a trusted supplier and contract manufacturer to the OEM industry for more than 50 years. As a privately owned company, we take pride in developing the highest level of quality products from design, through production, to delivery. Servometer employs a unique patented manufacturing technology that ensures precision products with exceptional performance characteristics. Our products are specified in hundreds of applications across multiple industries including Aerospace, Military, Defense, Medical, Oil and Gas, Semiconductor and Instrumentation.

Our company practices lean manufacturing techniques and standards and recognizes the importance of ITAR, RoHs and DFARS compliance. Servometer is ISO 9001:2008 certified.



ENGINEERING PARTNER

Rely on our team of engineers to operate as an extension of your organization. They will work with you to help select a standard part from our inventory or help modify a standard part to meet your needs. With thousands of designs at our fingertips we can borrow from the large volume of design ideas and match your requirements with a unique new bellows solution.

Whether you need one prototype quickly or one thousand pieces, we are able to adjust convolution lengths, material, plating thickness, spring rate and then test for function before production. Using this system of producing, trying and then modifying we are able to optimize the form and function of our bellows to fit your application needs.

CUSTOMER SERVICE

Servometer is the approved supplier to leading OEM manufacturers around the world. Every product we manufacture is backed by our continuous customer support and a global sales presence in Europe, Asia and North America.

We offer both written and verbal quotes as requested and offer lower prices for higher usage orders on standard parts. We strive for on time or just in time delivery and will split shipments to suit your delivery requirements and help manage your inventory needs.

COMMITTED TO PRODUCT QUALITY



We are committed to maintaining the highest level of product standards from manufacturing through delivery. Our Quality Control department is “hands on”—inspecting and evaluating each and every part as required. The Quality Control engineers work closely with the Inspection Department personnel assuring that our raw materials and products pass our stringent performance and quality control tests. We operate by the principles of root cause and corrective action and in the true spirit of continuous improvement. We are committed to satisfying our customers’ expectations and requirements.



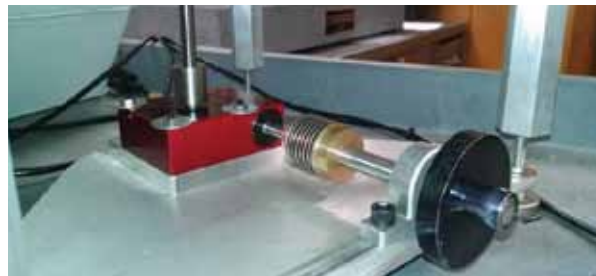
SMC 300 SERIES

Precision bellows couplings are characterized by diameter and the number and spacing of the convolutions. The convolutions allow for a highly flexible, yet rotationally rigid coupling. Electrodeposited nickel bellows have a precisely controlled wall thickness that gives it an exceptional combination of sensitivity and high torsional stiffness for precise rotational adjustment and positioning. The SMC 300 series features set screw style Stainless Steel hubs and is available in various diameters and lengths.

Features:

- Quality Stainless Steel hub with FlexNickel® bellows
- Temperature range -58 to 260° F
- Torque range from 2 in-oz to 4,000 in-oz
- Extremely low wind-up
- Zero backlash
- Performance rated for minimum 100 million cycles*
- Low moment of inertia
- Metric hardware (set screw)
- Wide selection of bore sizes (see pg 10)

* Note: 1 Revolution = 2 cycles.



SMC 300 PERFORMANCE SPECIFICATIONS

Part No.	Rated Torque (in-oz)	Static Torsional Stiffness (N*m/rad)	Wind-up (arc-s/in-oz)	Side Thrust	Misalignment		
					Angular (deg)	Parallel (in)	Axial (in) (stroke)
SMC - 301	2	2.36	616	.02	31	.076	.107
SMC - 302	5	4.76	306	.18	15	.017	.051
SMC - 303	7	7.21	202	.64	9	.007	.032
SMC - 304	9	9.58	152	1.55	7	.004	.023
SMC - 305	7	10.9	134	.07	27	.066	.139
SMC - 306	9	15	99	.17	20	.036	.103
SMC - 307	14	22	67	.58	13	.015	.066
SMC - 308	18	26	55	1.00	10	.010	.054
SMC - 309	33	39	37	.32	18	.044	.125
SMC - 310	50	61	24	1.13	12	.018	.081
SMC - 311	65	81	18	2.73	9	.010	.059
SMC - 312	105	132	11	.59	14	.046	.149
SMC - 313	140	173	8.4	1.40	11	.026	.112
SMC - 314	188	235	6.2	3.50	8	.014	.083
SMC - 315	152	275	5.3	.54	17	.068	.230
SMC - 316	280	470	3.1	2.85	9	.020	.121

SMC - 331	4	3.52	413	.03	17	.050	.060
SMC - 332	7	7.11	205	.18	9	.017	.032
SMC - 333	11	10.8	135	.64	7	.007	.023
SMC - 334	9	9.58	152	1.55	7	.004	.023
SMC - 335	11	16	90	.07	17	.066	.090
SMC - 336	14	22	67	.17	13	.036	.066
SMC - 337	21	32	45	.58	8	.015	.042
SMC - 338	26	37	39	1.39	6	.009	.030
SMC - 339	49	58	25	.32	12	.044	.082
SMC - 340	75	91	16	1.13	9	.018	.059
SMC - 341	97	121	12	2.73	5	.010	.038
SMC - 342	158	182	8	.59	9	.046	.096
SMC - 343	210	260	5.6	1.40	7	.026	.067
SMC - 344	281	347	4.2	4.41	5	.013	.053
SMC - 345	227	405	3.6	.54	11	.068	.149
SMC - 346	420	694	2.1	2.85	5	.020	.067

SMC - 360	1500	1714	.85	8.1	6	.018	.129
SMC - 370	2500	3642	.40	5.35	8	.042	.240
SMC - 380	4000	8569	.17	20.6	4	.014	.160

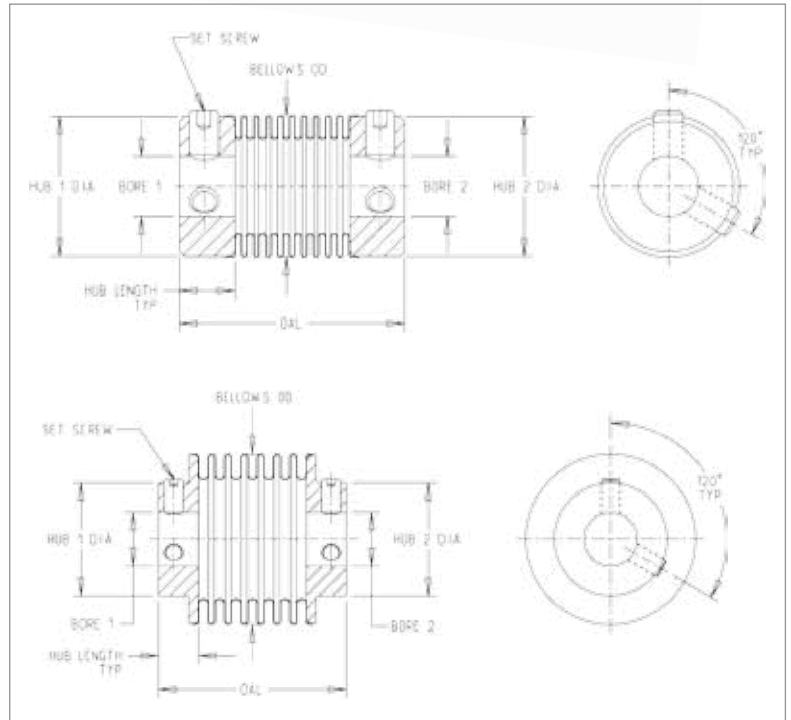


SMC 300 DIMENSIONAL DATA

Part No.	Bellows Diameter		Max Bore Size		Overall Length (OAL)		Set Screw or Clamp Screw Size (M)	Hub Length	
	in	mm	in	mm	in	mm		in	mm
SMC - 301	0.250	6.35	0.125	3.18	1.035	26.29	2	0.146	3.71
SMC - 302	0.250	6.35	0.125	3.18	0.665	16.89	2	0.146	3.71
SMC - 303	0.250	6.35	0.125	3.18	0.540	13.72	2	0.146	3.71
SMC - 304	0.250	6.35	0.125	3.18	0.480	12.19	2	0.146	3.71
SMC - 305	0.375	9.53	0.237	6.00	1.035	26.29	2	0.146	3.71
SMC - 306	0.375	9.53	0.236	6.00	0.845	21.46	2	0.146	3.71
SMC - 307	0.375	9.53	0.236	6.00	0.665	16.89	2	0.146	3.71
SMC - 308	0.375	9.53	0.236	6.00	0.600	15.24	2	0.146	3.71
SMC - 309	0.500	12.70	0.250	6.35	1.087	27.61	3	0.172	4.37
SMC - 310	0.500	12.70	0.250	6.35	0.837	21.26	3	0.172	4.37
SMC - 311	0.500	12.70	0.250	6.35	0.717	18.21	3	0.172	4.37
SMC - 312	0.750	19.05	0.500	12.70	1.327	33.71	3	0.172	4.37
SMC - 313	0.750	19.05	0.500	12.70	1.077	27.36	3	0.172	4.37
SMC - 314	0.750	19.05	0.500	12.70	0.887	22.53	3	0.172	4.37
SMC - 315	1.000	25.40	0.630	16.00	1.623	41.22	3	0.195	4.95
SMC - 316	1.000	25.40	0.630	16.00	1.123	28.52	3	0.195	4.95

SMC - 331	0.250	6.35	0.125	3.18	0.920	23.37	2	0.246	6.25
SMC - 332	0.250	6.35	0.125	3.18	0.665	16.89	2	0.246	6.25
SMC - 333	0.250	6.35	0.125	3.18	0.540	13.72	2	0.246	6.25
SMC - 334	0.250	6.35	0.125	3.18	0.480	12.19	2	0.246	6.25
SMC - 335	0.375	9.53	0.236	6.00	1.035	26.29	2	0.370	9.40
SMC - 336	0.375	9.53	0.236	6.00	0.845	21.46	2	0.370	9.40
SMC - 337	0.375	9.53	0.236	6.00	0.665	16.89	2	0.370	9.40
SMC - 338	0.375	9.53	0.236	6.00	0.568	14.43	2	0.370	9.40
SMC - 339	0.500	12.70	0.250	6.35	1.087	27.61	3	0.493	12.52
SMC - 340	0.500	12.70	0.250	6.35	0.837	21.26	3	0.493	12.52
SMC - 341	0.500	12.70	0.250	6.35	0.717	18.21	3	0.493	12.52
SMC - 342	0.750	19.05	0.500	12.70	1.327	33.71	3	0.741	18.82
SMC - 343	0.750	19.05	0.500	12.70	1.077	27.36	3	0.741	18.82
SMC - 344	0.750	19.05	0.500	12.70	0.847	21.51	3	0.741	18.82
SMC - 345	1.000	25.40	0.630	16.00	1.623	41.22	3	0.990	25.15
SMC - 346	1.000	25.40	0.630	16.00	1.123	28.52	3	0.990	25.15

SMC - 360	1.430	36.32	0.630	16.00	1.510	38.35	4	1.415	35.94
SMC - 370	2.000	50.80	1.000	25.40	2.162	54.91	5	1.990	50.55
SMC - 380	2.400	60.96	1.000	25.40	1.600	40.64	5	2.384	60.55



SMC 400 SERIES

These electrodeposited nickel bellows couplings offer the highest lateral flexibility and radial rigidity in coupling types. Their unique high performance characteristics offer a desirable combination of both low wind-up and low side thrust for high precision positioning systems. The SMC 400 series features integral clamp style Stainless Steel hubs and is available in various diameters and lengths.



Features:

- Quality Stainless Steel hub with FlexNickel® bellows
- Extremely low wind-up
- Zero backlash
- Torque range from 2 in-oz to 4,000 in-oz
- Low moment of inertia
- Metric hardware (set screw)
- Wide selection of bore sizes (see pg 10)



SMC 400 PERFORMANCE SPECIFICATIONS

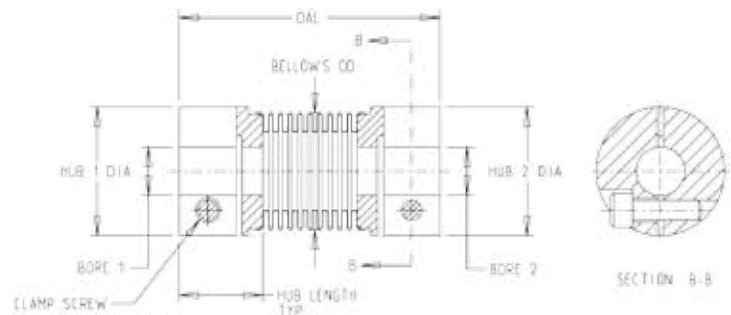
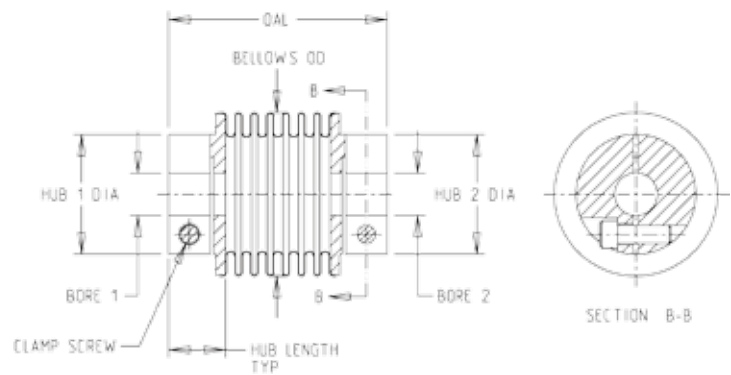
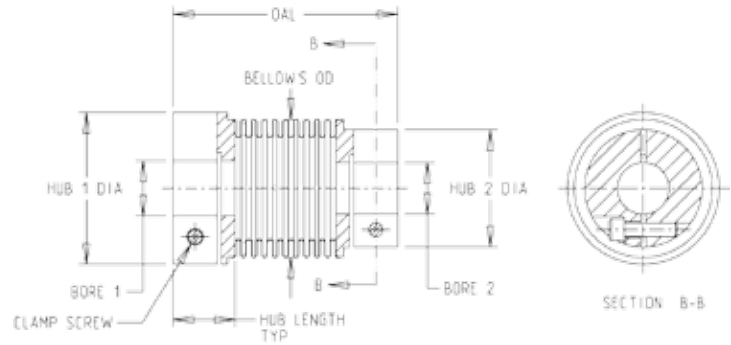
Part No.	Rated Torque (in-oz)	Static Torsional Stiffness (N*m/rad)	Wind-up (arc-s/in-oz)	Side Thrust	Misalignment		
					Angular (deg)	Parallel (in)	Axial (in) (stroke)
SMC - 401	2	2.36	616	0.03	31	.076	.107
SMC - 402	5	4.76	306	0.18	15	.017	.051
SMC - 403	7	7.21	202	0.64	9	.007	.032
SMC - 404	9	9.58	152	1.55	7	.004	.023
SMC - 405	7	10.9	134	0.07	27	.066	.139
SMC - 406	9	15	99	0.17	20	.036	.103
SMC - 407	14	22	67	0.58	13	.015	.066
SMC - 408	18	26	55	1.00	10	.010	.054
SMC - 409	33	39	37	0.32	18	.044	.125
SMC - 410	50	61	24	1.13	12	.018	.081
SMC - 411	65	81	18	2.73	9	.010	.059
SMC - 412	105	132	11	0.59	14	.046	.149
SMC - 413	140	173	8.4	1.40	11	.026	.112
SMC - 414	188	235	6.2	3.50	8	.014	.083
SMC - 415	152	275	5.3	0.54	17	.068	.230
SMC - 416	280	470	3.1	2.85	9	.020	.121
SMC - 431	4	3.52	413	0.03	17	.050	.060
SMC - 432	7	7.11	205	0.18	9	.017	.032
SMC - 433	11	10.8	135	0.64	7	.007	.023
SMC - 434	9	9.58	152	1.55	7	.004	.023
SMC - 435	11	16	90	0.07	17	.066	.090
SMC - 436	14	22	67	0.17	13	.036	.066
SMC - 437	21	32	45	0.58	8	.015	.042
SMC - 438	26	37	39	1.39	6	.009	.030
SMC - 439	49	58	25	0.32	12	.044	.082
SMC - 440	75	91	16	1.13	9	.018	.059
SMC - 441	97	121	12	2.73	5	.010	.038
SMC - 442	158	182	8	0.59	9	.046	.096
SMC - 443	210	260	5.6	1.40	7	.026	.067
SMC - 444	281	347	4.2	4.41	5	.013	.053
SMC - 445	227	405	3.6	0.54	11	.068	.149
SMC - 446	420	694	2.1	2.85	5	.020	.067
SMC - 460	1500	1714	.85	8.10	6	.018	.129
SMC - 470	2500	3642	.40	5.35	8	.042	.240
SMC - 480	4000	8569	.17	20.60	4	.014	.160

SMC 400 DIMENSIONAL DATA

Part No.	Bellows Diameter		Max Bore Size		Overall Length (OAL)		Set Screw or Clamp Screw Size (M)	Hub Length	
	in	mm	in	mm	in	mm		in	mm
SMC - 401	0.250	6.35	1.57	4.0	1.243	31.57	1.6	0.25	6.35
SMC - 402	0.250	6.35	1.57	4.0	0.873	22.17	1.6	0.25	6.35
SMC - 403	0.250	6.35	1.57	4.0	0.748	19.00	1.6	0.25	6.35
SMC - 404	0.250	6.35	1.57	4.0	0.688	17.48	1.6	0.25	6.35
SMC - 405	0.375	9.53	1.57	4.0	1.279	32.49	1.6	0.268	6.81
SMC - 406	0.375	9.53	1.57	4.0	1.089	27.66	1.6	0.268	6.81
SMC - 407	0.375	9.53	1.57	4.0	0.909	23.09	1.6	0.268	6.81
SMC - 408	0.375	9.53	1.57	4.0	0.844	21.44	1.6	0.268	6.81
SMC - 409	0.500	12.70	0.25	6.4	1.343	34.11	2.0	0.300	7.62
SMC - 410	0.500	12.70	0.25	6.4	1.093	27.76	2.0	0.300	7.62
SMC - 411	0.500	12.70	0.25	6.4	0.973	24.71	2.0	0.300	7.62
SMC - 412	0.750	19.05	0.50	13.0	1.637	41.58	2.5	0.327	8.31
SMC - 413	0.750	19.05	0.50	13.0	1.387	35.23	2.5	0.327	8.31
SMC - 414	0.750	19.05	0.50	13.0	1.197	30.40	2.5	0.327	8.31
SMC - 415	1.000	25.40	0.63	1.6	1.887	47.93	2.5	0.327	8.31
SMC - 416	1.000	25.40	0.63	1.6	1.387	35.23	2.5	0.327	8.31

SMC - 431	0.250	6.35	1.57	4.0	1.128	28.65	1.6	0.25	6.35
SMC - 432	0.250	6.35	1.57	4.0	0.873	22.17	1.6	0.25	6.35
SMC - 433	0.250	6.35	1.57	4.0	0.748	19.00	1.6	0.25	6.35
SMC - 434	0.250	6.35	1.57	4.0	0.688	17.48	1.6	0.25	6.35
SMC - 435	0.375	9.53	1.57	4.0	1.279	32.49	1.6	0.268	6.81
SMC - 436	0.375	9.53	1.57	4.0	1.089	27.66	1.6	0.268	6.81
SMC - 437	0.375	9.53	1.57	4.0	0.909	23.09	1.6	0.268	6.81
SMC - 438	0.375	9.53	1.57	4.0	0.812	20.62	1.6	0.268	6.81
SMC - 439	0.500	12.70	0.25	6.4	1.343	34.11	2.0	0.300	7.62
SMC - 440	0.500	12.70	0.25	6.4	1.093	27.76	2.0	0.300	7.62
SMC - 441	0.500	12.70	0.25	6.4	0.973	24.71	2.0	0.300	7.62
SMC - 442	0.750	19.05	0.50	13.0	1.637	41.58	2.5	0.327	8.31
SMC - 443	0.750	19.05	0.50	13.0	1.387	35.23	2.5	0.327	8.31
SMC - 444	0.750	19.05	0.50	13.0	1.157	29.39	2.5	0.327	8.31
SMC - 445	1.000	25.40	0.63	15.9	1.887	47.93	2.5	0.327	8.31
SMC - 446	1.000	25.40	0.63	15.9	1.387	35.23	2.5	0.327	8.31

SMC - 460	1.430	36.32	0.63	16.0	1.850	46.99	4.0	0.465	11.81
SMC - 470	2.000	50.80	1.00	25.4	2.442	62.03	4.0	0.465	11.81
SMC - 480	2.400	60.96	1.00	25.4	1.998	50.75	5.0	0.524	13.31

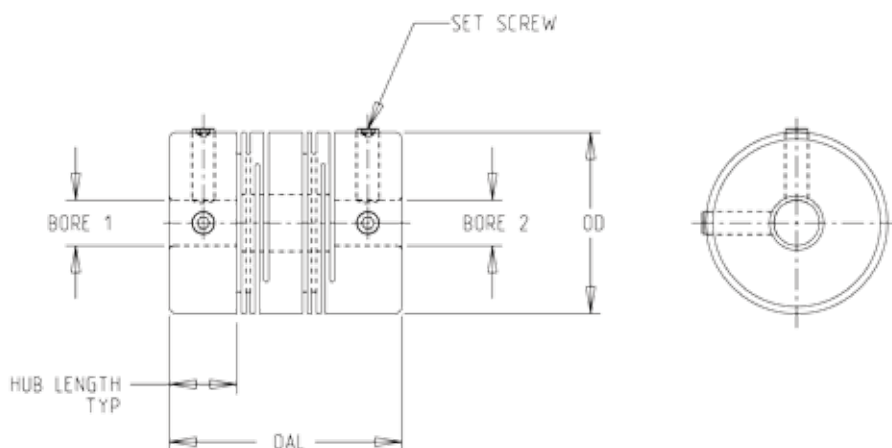


FSMM-L SERIES

This heavy duty, stainless steel coupling is capable of accommodating misalignments for parallel, angular and axial motion, or a combination of all three motions. Their longer lengths and high torque capacity make them ideal for light duty power transmission applications for reliable, repeatable performance.

Features:

- Stainless Steel construction
- Zero backlash
- High torque
- Resistant to oil and corrosive environments
- Low moment of inertia
- Wide selection of bore sizes (see pg 11)
- Cryogenically treated for enhanced durability and hardness



FSMM-L SERIES PERFORMANCE DATA

Part No.	Rated Torque (in-oz)	Static Torsional Stiffness (N*m/rad)	Wind-up (arc-s/in-oz)	Max RPM	Misalignment		
					Angular (deg)	Parallel (in)	Axial (in) (stroke)
FSMM-L 8	28	50	29.13	48000	2	0.004	0.008
FSMM-L 12	42	64	22.75	32000	2	0.004	0.012
FSMM-L 16	71	85	17.13	24000	2	0.004	0.012
FSMM-L 20	142	250	5.82	19000	2	0.004	0.012
FSMM-L 25	283	330	4.43	15000	2	0.006	0.016
FSMM-L 32	496	850	1.71	12000	2	0.006	0.020
FSMM-L 40	1133	1000	1.46	9600	2	0.008	0.020

FSMM-L SERIES DIMENSIONAL DATA

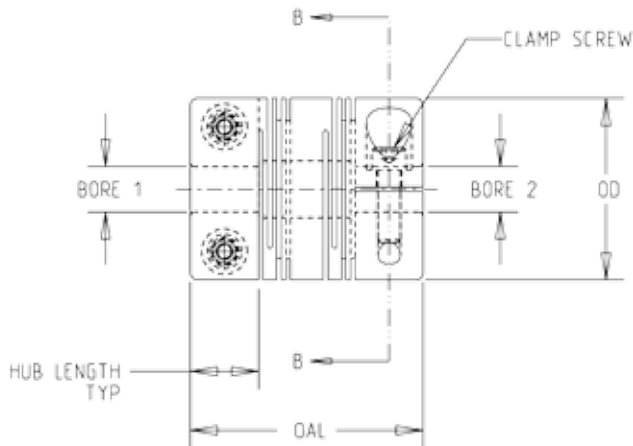
Part No.	Outside Diameter		Max Bore Size (mm)		Overall Length (OAL)		Set Screw or Clamp Screw Size (M)	Shaft Insertion Length	
	in	mm	in	mm	in	mm		in	mm
FSMM-L 8	0.314	8	0.118	3	0.551	14	2	0.138	3.5
FSMM-L 12	0.472	12	0.236	6	0.724	18.5	2.5	0.197	5
FSMM-L 16	0.629	16	0.314	8	0.905	23	3	0.256	6.5
FSMM-L 20	0.787	20	0.394	10	1.024	26	3	0.295	7.5
FSMM-L 25	0.984	25	0.472	12	1.220	31	4	0.335	8.5
FSMM-L 32	1.259	32	0.629	16	1.614	41	4	0.472	12
FSMM-L 40	1.575	40	0.709	18	2.205	56	5	0.669	17

FSCM-L SERIES

The FSCM-L series is a versatile, flexible, stainless steel coupling featuring a clamp-style end piece for positive shaft connection in lower torque applications such as servomotors and encoders with bore diameters ranging from 4 mm to 16 mm. Their balanced design and longer length, up to 56 mm or 2 inches, deliver higher RPM capabilities and reduce vibration without sacrificing parallel, axial and angular misalignment.

Features:

- Superior parallel offset misalignment capability
- High torsional stiffness
- Corrosion resistant
- Zero backlash
- Wide selection of bore sizes (see pg 11)
- Cryogenically treated for enhanced durability and hardness



FSCM-L SERIES PERFORMANCE DATA

Part No.	Rated Torque (in-oz)	Static Torsional Stiffness (N*m/rad)	Wind-up (arc-s/in-oz)	Max RPM	Misalignment		
					Angular (deg)	Parallel (in)	Axial (in) (stroke)
FSCM-L 12	42	64	22.75	1200	2	0.004	0.008
FSCM-L 16	71	85	17.13	9500	2	0.004	0.012
FSCM-L 20	142	250	5.82	7600	2	0.004	0.012
FSCM-L 25	283	330	4.43	6100	2	0.006	0.016
FSCM-L 32	496	850	1.71	4800	2	0.006	0.020
FSCM-L 40	1132	1000	1.46	3800	2	0.008	0.020

FSCM-L SERIES DIMENSIONAL DATA

Part No.	Outside Diameter		Max Bore Size (mm)		Overall Length (OAL)		Set Screw or Clamp Screw Size (M)	Shaft Insertion Length	
	in	mm	in	mm	in	mm		in	mm
FSCM-L 12	0.472	12	0.190	5	0.728	18.5	2	0.197	5
FSCM-L 16	0.630	16	0.240	6	0.906	23	2.5	0.256	6.5
FSCM-L 20	0.787	20	0.315	8	1.024	26	2.5	0.295	7.5
FSCM-L 25	0.984	25	0.394	10	1.220	31	3	0.335	8.5
FSCM-L 32	1.260	32	0.551	14	1.614	41	4	0.472	12
FSCM-L 40	1.574	40	0.630	16	2.205	56	5	0.669	17

BELLOWS COUPLING SMC BORE SIZE CHART

SERIES	BORE Size*																														
	2 mm	0.0903"	0.094"	3 mm	0.120"	0.125"	4 mm	0.188"	5 mm	6 mm	0.250"	0.313"	8 mm	0.375"	10 mm	11 mm	12 mm	0.300"	13 mm	14 mm	15 mm	0.625"	16 mm	17 mm	18 mm	19 mm	0.75"	20 mm	0.875"	1.000"	
SMC 301 - 304 SMC 331 - 334	●	●	●	●	●	●																									
SMC 305 - 308 SMC 335 - 338	●	●	●	●	●	●	●	●	●	●																					
SMC 309 - 311 SMC 339 - 341		●	●	●	●	●	●	●	●	●	●																				
SMC 312 - 314 SMC 342 - 344				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●													
SMC 315 - 316 SMC 345 - 346				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
SMC 360											●	●	●	●	●	●	●	●	●	●	●	●	●								
SMC 370 & SMC 380											●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SMC 401 - 408 SMC 431 - 438	●	●	●	●	●	●	●																								
SMC 409 - 411 SMC 439 - 441				●	●	●	●	●	●	●	●																				
SMC 412 - 414 SMC 442 - 444				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●													
SMC 415 - 416 SMC 445 - 446										●	●	●	●	●	●	●	●	●	●	●	●	●	●								
SMC 460										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
SMC 470 & SMC 480											●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

*Tolerance: +0.0001

Contact us for custom bore sizes.

Buy Online Today!

You can purchase a precision motion control coupling 24/7 using our convenient web store buy.servometer.com!

Part Number Configuration SMC Series

Model	Series	Bore Ø 1	Bore Ø 2
SMC	460	8mm	.250

Example: SMC460-8mm-.250

*Bore sizes can match

Part Number Configuration FSMM and FSCM Series

Type	OD	Bore Ø 1	Bore Ø 2
FSMM-L	8	2mm	3mm

Example: FSMM-L8-2mm-3mm

*Bore sizes can match

CUSTOM DESIGNS

Need help with a custom design? One of our experienced engineers can work with you in preparing a design with specific performance requirements as well as special ends, assemblies or materials. We are prepared to design, test and modify custom couplings based on your specifications. Contact us today.

VALUE ADDED SERVICES

- Precision laser engraving for conventional part and serial number identification.
- Sub-assembly services such as bonding, soldering, welding and more for time-saving part management and efficient inventory control.

BEAM COUPLING FSMM-L and FSCM-L BORE SIZE CHART

OD	Ø1 mm*	Ø2 mm*															
		2	3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18
8	2	●	●														
	3		●														
12	3		●	●													
	4			● ●	● ●												
	5				● ●	●											
16	4.00			●	●	●											
	5				● ●	● ●		●	●								
	6					● ●	●	●	●								
	6.35								●								
20	5				●	● ●	●	● ●	● ●								
	6					● ●	● ●	● ●	● ●		●						
	6.35						● ●	● ●	● ●								
	8								● ●	●	●						
	9.525										●						
	10											●					
25	5					● ●											
	6				●	● ●	●		● ●		● ●						
	6.35								● ●		● ●						
	8								● ●	● ●	● ●		●				
	9.525										● ●						
	10										● ●	●	●				
32	6								●								
	6.35								●								
	8								● ●	● ●	● ●		● ●				
	9.525										● ●		● ●				
	10										● ●	● ●	● ●	● ●			
	12											● ●	● ●	● ●			
	14													●			●
40	8								● ●								
	9.525										●		●				
	10										● ●						
	12											● ●	● ●	●			
	14													● ●		● ●	●
	15														●		
	16															● ●	●
18																● ●	

● FSMM-L ● FSCM-L

*Tolerance: +0.0001

Servometer's Full Product Line:



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- Set Screw Bellows Couplings
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- Set Screw Beam Couplings

