

Starrett S-beam Force Measurement Load Cell Sensors - PREMIUM

Model	Load Capacity			Full Scale Deflection		Safe Overload %	Height		Width		Thread
	N	kgf	lbf	mm	in		mm	in	mm	in	
FLC-5P	5	0.5	1	0.4	0.014	1000	63.0	2.48	59.2	2.33	M6 x 1-6H
FLC-10P	10	1	2	0.3	0.012	1000	63.0	2.48	59.2	2.33	M6 x 1-6H
FLC-25P	25	2.5	5	0.3	0.011	1000	63.0	2.48	59.2	2.33	M6 x 1-6H
FLC-50P	50	5	11	0.2	0.009	1000	63.0	2.48	59.2	2.33	M6 x 1-6H
FLC-100P	100	10	22	0.2	0.007	1000	63.0	2.48	59.2	2.33	M6 x 1-6H
FLC-250P	250	25	56	0.2	0.006	1000	63.0	2.48	59.2	2.33	M6 x 1-6H

Load measurement accuracy is $\pm 0.1\%$ of load cell capacity. Display resolution is 10,000:1.
 Starrett recommends on-site verification of accuracy during installation. Sensor calibration should be performed at least annually.

Starrett S-beam Force Measurement Load Cell Sensors - ECONOMY

Model	Load Capacity			Full Scale Deflection		Safe Overload %	Height		Width		Thread
	N	kgf	lbf	mm	in		mm	in	mm	in	
FLC-50E	50	5	11	0.08	0.003	150	63.5	2.5	50.8	2.0	M6 x 1-6H
FLC-100E	100	10	22	0.08	0.003	150	63.5	2.5	50.8	2.0	M6 x 1-6H
FLC-200E	200	20	45	0.08	0.003	150	63.5	2.5	50.8	2.0	M6 x 1-6H
FLC-500E	500	50	112	0.10	0.004	150	63.5	2.5	50.8	2.0	M6 x 1-6H
FLC-1000E	1000	100	225	0.15	0.006	150	63.5	2.5	50.8	2.0	M6 x 1-6H
FLC-2000E	2000	200	450	0.15	0.006	150	76.2	3.0	50.8	2.0	M6 x 1-6H
FLC-2500E	2500	250	562	0.13	0.005	150	76.2	3.0	50.8	2.0	M6 x 1-6H
FLC-5000E	10,000	1000	2248	0.13	0.005	150	76.2	3.0	50.8	2.0	M6 x 1-6H

Load measurement accuracy is $\pm 0.1\%$ of load cell capacity. Display resolution is 10,000:1.
 Starrett recommends on-site verification of accuracy during installation. Sensor calibration should be performed at least annually.

Starrett S-beam Force Measurement Load Cell Sensors - SEALED

Model	Load Capacity			Full Scale Deflection		Safe Overload %	Height		Width		Thread
	N	kgf	lbf	mm	in		mm	in	mm	in	
FLC-500	500	50	112	0.004	0.10	150	63.5	2.5	50.8	2.0	M6 x 1-6H
FLC-1000	1000	100	225	0.006	0.15	150	63.5	2.5	50.8	2.0	M6 x 1-6H
FLC-2000	1500	150	337	0.005	0.13	150	76.2	3.0	50.8	2.0	M12 x 1.75-5H
FLC-2500	2500	250	562	0.005	0.13	150	76.2	3.0	50.8	2.0	M12 x 1.75-5H
FLC-5K	5000	500	1124	0.005	0.13	150	76.2	3.0	50.8	2.0	M12 x 1.75-5H
FLC-10K	10,000	1000	2248	0.005	0.13	150	76.2	3.0	50.8	2.0	M12 x 1.75-5H
FLC-20K	25,000	2000	4500	0.005	0.13	150	88.9	3.5	63.5	2.5	M16 x 2-4H

Load measurement accuracy is $\pm 0.1\%$ of load cell capacity. Display resolution is 10,000:1.
 Starrett recommends on-site verification of accuracy during installation. Sensor calibration should be performed at least annually.