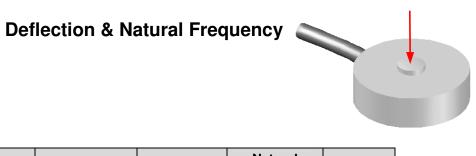
Model # LLB130





Model #	Capacity (Ib)	Deflection (in.)	Natural Frequency (Hz)	β
LLB130	5	0.0006	28500	0.0001
	10	0.0006	28500	0.0002
	25	0.0007	42000	0.0002
	50	0.0006	52000	0.0003

*FN results are based on calculation of deflection & weight scene on Sensor arm.

Natural Frequency & Frequency Response Equation's:

Natural Frequency (FN) = 3.13
$$\sqrt{\frac{\beta}{Capacity} \bullet Deflection}$$
 (Hz)

Frequency Response with load (FR) =
$$3.13 \sqrt{\frac{\beta + AppliedLoad}{Capacity} \bullet Deflection}}$$
 (Hz)

*Where β values are obtained by Futek Engineers

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Page 1 of 1