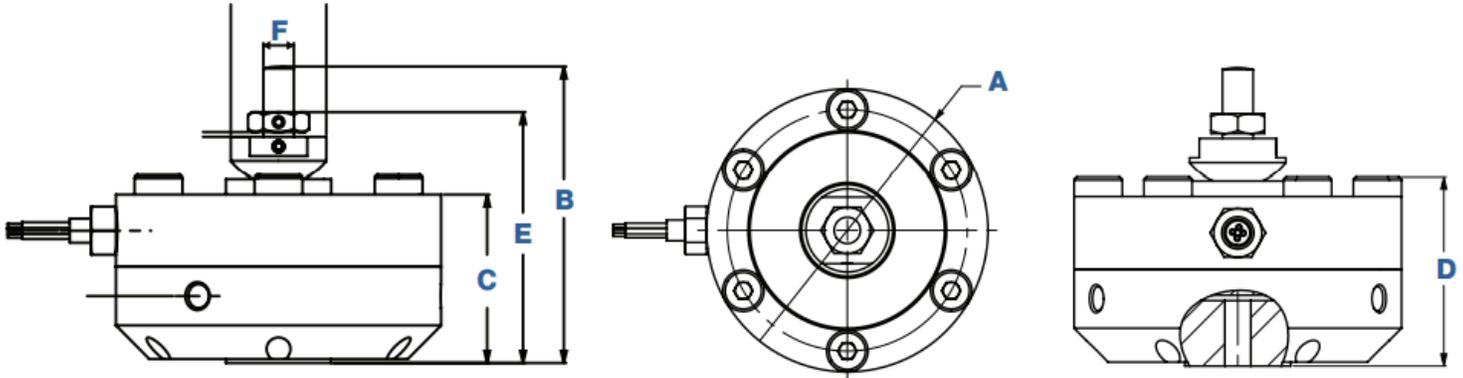


Calibration Grade Load Cells



- High Performance Calibration Grade Load Cells
- Can be used for ASTM E4 Calibration
- Integrated calibration adapter provides threads for tension & radius dome for compression
- Overload protection
- Dimensions / threads meet major OEM requirements

Schematic (mm)



Dimensional Attributes						
MODEL		HAPL-CAL Series				
		55 lbf & 110 lbf	225 lbf & 330 lbf	550 lbf	1.1 klbf, 2.2 klbf 5,5 klbf & 11 klbf	
CAPACITIES (±)		55 lbf	225 lbf & 330	550 lbf	1.1 klbf, 2.2 klbf & 11 klbf	
Diameter (in)		A	2.2	2.7	3.1	4.1
Heights (in)	Overall	B	2.0	2.5	3.6	4.5
	Load Cell Body	C	1.2	1.4	1.8	2.6
	Tension Base Screws	D	1.4	1.6	2.0	2.8
	Positive Stop	E	1.7	2.1	2.9	3.7
Loading Threads		F	1/4in-28	1/4in-28	5/8in-18	5/8in-18
Weights (lbs)			1	1	3.7	8
Cable / Connector			20 ft Integrated		Amphenol PTO2E-10-6P (mating connector included)	

Offerings/Variations:

Accuracy					
PART ID	CAPACITY (±lbf)	Typical ASTM E74 Lower Force Limits (lbf)		SAFE OVERLOAD (±%FS)	NATURAL FREQUENCY (Hz)
		Premium Calibration	Normal Calibration		
HAPL-CAL-55LBF	55	10	20	83	—
HAPL-CAL-110LBF	110	15	30	165	—
HAPL-CAL-225LBF	225	20	30	338	—
HAPL-CAL-330LBF	330	10	20	495	5500
HAPL-CAL-550LBF	550	15	30	825	
HAPL-CAL-1.1KLBF	1,100	30	60	1,650	—
HAPL-CAL-2.2KLBF	2,200	60	120	3,300	5000
HAPL-CAL-5.5KLBF	5,500	150	330	8,250	
HAPL-CAL-11KLBF	11,000	330	6,500	8,250	6000
HAPL-CAL-11KLBF	11,000	330	16,500	16,500	5000

