

# ITCM

## Isolated Tension Cell Modules



Module with  
RL20000I S-beam load cell

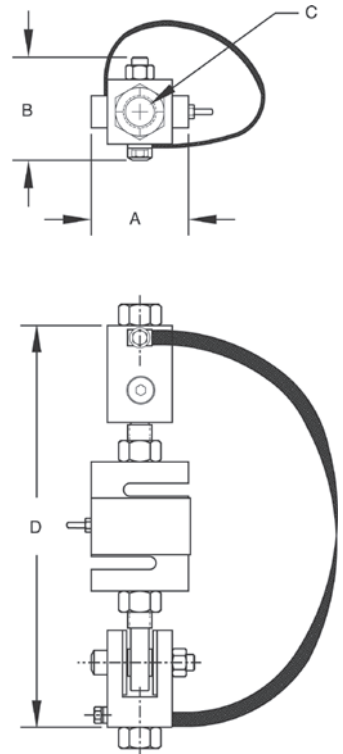
Picture is a representation of actual product.

### Load Cell Approvals



### Load Rating Dimensions Per Module

Load Cell Capacity lb/in	Dimensions				Single Module		3-Module Kit		4-Module Kit	
	A	B	C	D	Module	Price	Kit	Price	Kit	Price
100	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	17851 17831	Consult Consult	18003 18004	Consult Consult	18027 18028	Consult Consult
150	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	30337 30336	Consult Consult	30357 30358	Consult Consult	30359 30360	Consult Consult
200	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	30335 30338	Consult Consult	30361 30362	Consult Consult	30363 30364	Consult Consult
250	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	17852 17832	Consult Consult	18005 18006	Consult Consult	18029 18030	Consult Consult
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17853 17858 17833	Consult Consult Consult	18007 18008 18009	Consult Consult Consult	18031 18032 18033	Consult Consult Consult
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17854 17859 17834	Consult Consult Consult	18010 18011 18012	Consult Consult Consult	18034 18035 18036	Consult Consult Consult
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17855 17860 17835	Consult Consult Consult	18013 18014 18015	Consult Consult Consult	18037 18038 18039	Consult Consult Consult
1,500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17856 17861 17836	Consult Consult Consult	18016 18017 18018	Consult Consult Consult	18040 18041 18042	Consult Consult Consult
2,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17857 17862 17837	Consult Consult Consult	18019 18020 18021	Consult Consult Consult	18043 18044 18045	Consult Consult Consult
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17863 17838	Consult Consult	18022 18023	Consult Consult	18046 18047	Consult Consult
3,000	3.37	3.37	3/4-10 UNC	10.50 (ref)	30339	Consult	30365	Consult	30366	Consult
5,000	3.37	3.37	3/4-10 UNC 1-8 UNC	12.25 (ref)	17864 17839	Consult Consult	18024 18025	Consult Consult	18048 18049	Consult Consult
10,000	3.37	3.37	1-8 UNC	12.25 (ref)	17840	Consult	18026	Consult	18050	Consult
15,000	4.00	4.12	1 1/4-7 UNC	18.00 (ref)	17960	Consult	30353	Consult	30354	Consult
20,000	5.00	4.12	1 1/2-6 UNC	20.00 (ref)	17961	Consult	30355	Consult	30356	Consult



### Complete Kit Includes

- Three or four ITCM assemblies with RL20000I NTEP Certified S-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

### Standard Features

- Capacities (per module): 100 to 20,000 lb
- Clevis mounts with nylon insulating washers
- 20,000 lb ITCM rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies
- Zinc-plated clevis assemblies
- 20,000 lb capacity is not electrically isolated

### Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

WEIGH MODULES