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ECO	ZONE	LTR	REVISION	INT	DATE	APPROVED
5522	-	A	REVISED AND REDRAWN	CS	12-22-89	<i>C. Hoyle</i>

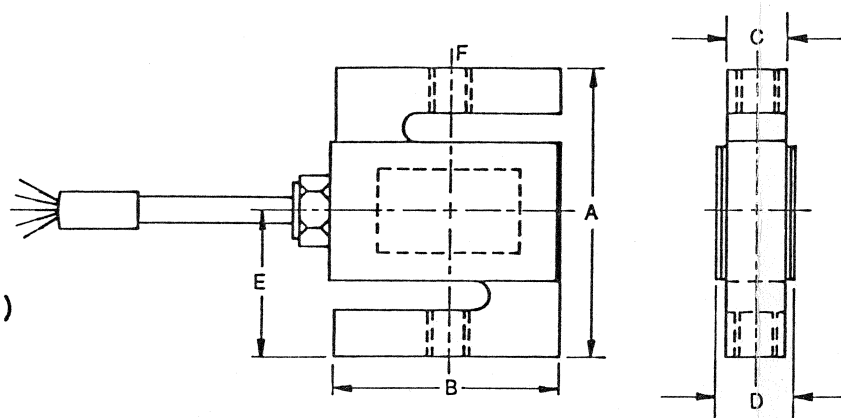
# S BEAM TENSION

## Stainless Steel Model 9363

### SPECIFICATIONS:

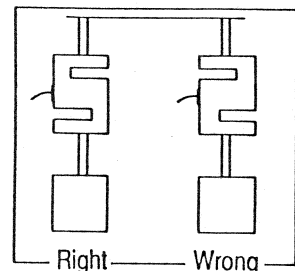
Excitation:	10 Volts DC, Max. 15 Volts DC
Rated Output (mV/V)	3.0 to 3.6
Zero Balance (Max.)	2% Full Scale
Combined Error	.03% Full Scale
Non-Repeatability (Max.)	.01% Full Scale
Creep (Max.)	.03% of load in 20 Minutes
Temperature Sensitivity (Max.)	
Output	.0008% of load/°F or .00144%/°C
Zero	.0015% Full Scale/°F or .027%/°C
Resistance	Input: 390 ohms ±15, Output: 350 ohms ±4
Seal	Transeal II Waterproofing
Temperature Range (Compensated)	0°F to 150°F -15°C to 65°C
Temperature Range (Operating)	-65°F to 200°F -50°C to 90°C
Safe Overload	150% Full Scale
Ultimate Overload	300% Full Scale
Safe Side Overload	50% Full Scale

20 FEET STD.  
(6 METER)  
4 CONDUCTOR (22 AWG)  
SHIELDED CABLE



### S Beam Universal Load Cells

For lower capacity tension applications it is important that the electrical cable is on the dead end rather than the live end of the "S" cell so that cable tension and weight are not included in the measurement.



ELECTRICAL TERMINATION CABLE COLOR CODES	
Function	Color
Input +	Red
Output +	Green
Output -	White
Input -	Black
Shield	Orange

### DIMENSIONS — inch & (mm.)

PKG. SIZE	CAP. lbs. (kg or ton)	A	B	C	D MAX	E	F TH'D	WT. lbs. (kg)	DEFLECTION (mm.)
1	50, 100, 200, 300 (23, 45, 90, 136)			.41 (10.4)	.75 (19.05)	1.25 (31.75)	1/4-28 UNF-2B	.8 (.4)	.012 to .014 (.3 to .4)
2	500 to 1.5 K (227 to 680)	2.4 (61.0)	2.00 (50.80)	.71 (18.0)	1.00 (25.40)			1 (.5)	.015 to .021 (.4 to .5)
3	2 K (907)					1.25 (31.75)	1/2-20 UNF-2B	1.3 (.6)	.023 (.6)
4	3 K (1.4t) .5 K, 10 K (2.3t, 4.5t)	3.9 (99.1)	3.00 (76.20)	.91 (23.1)	1.25 (31.75)	2.00 (50.80)	3/4-16 UNF-2B	3.3 (1.5)	.027 (.7) .030 to .035 (.8 to .9)

### MODEL NUMBERS:

HARDY Part No.	Capacity (lbs.)
5501-0118-01	50
5501-0118-02	100
5501-0118-03	200
5501-0118-04	300
5501-0118-05	500
5501-0118-06	750
5501-0118-07	1,000
5501-0118-08	1,500
5501-0118-09	2,000
5501-0118-10	3,000
5501-0118-11	5,000
5501-0118-12	10,000

NOTES: Specifications subject to change without notice.

UNLESS OTHERWISE SPECIFIED		DRAWN BY <i>Cliff Stone</i> DATE 12-21-89		<b>Hardy Instruments Inc.</b> San Diego, Ca.	
PART TO BE FREE OF BURRS BREAK SHARP EDGES .005 - .010 APPROX		APPROVED BY <i>[Signature]</i> DATE 12-22-89			
ANGULAR DIM ± 1/2° MACH'D DIA'S TO BE CONCENTRIC WITHIN .005 T.I.R. MACHINED SURFACES 125/		RELEASED BY <i>C. Hoyle</i> DATE 12-22-89		TITLE <i>OUTLINE DWG - LOAD CELL MODEL 9363</i>	
DO NOT SCALE DWG		MATERIAL <b>SST</b>		SIZE <b>B</b>	DRAWING NO. <b>0588-0043</b>
TOLERANCES: DECIMALS .XX .03 .XXX		FINISH		REV. <b>A</b>	SCALE <b>NONE</b>
NEXT ASSY		CODE		CONTRACT NO.	SHEET <b>1 of 1</b>