

Series 2275 shear beam



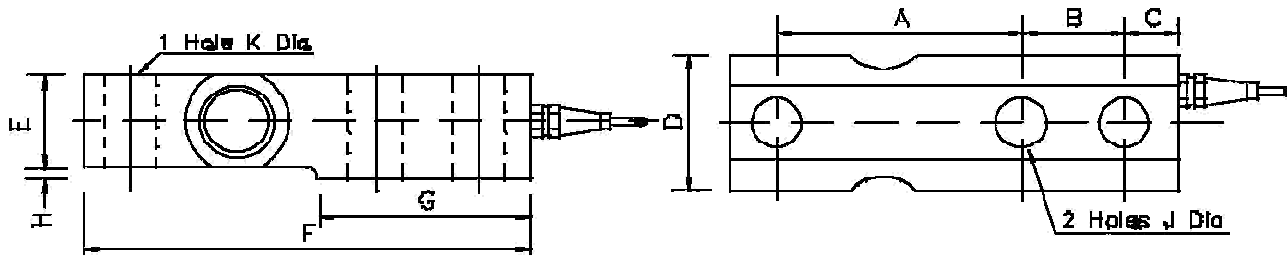
- **Stainless Steel**
- **High Accuracy**
- **Fully Welded**
- **Standard Fixings**

Description

A range of cost effective shear beams utilizing fully welded stainless steel construction. Fixing arrangements follow the weighing industry standard up to 2000 kg. Options available include a vessel mounting kit.

A full range of instrumentation and control packages from simple stand alone displays to complete turn key systems are available to support all Active Load sensors. Details and specifications available from our Sales office.

Dimensions



Specification Group..... SP2

ELECTRICAL		
Recommended Excitation	10	Vdc
Maximum Excitation	15	Vdc
Output at rated load	2	mVV
Zero balance	2	% of RL
Input impedance	420	+/-10
Output impedance	350	+/-3
Insulation	10 ⁹	
Compensated temp.	10 to 40	C
Safe temp. range	-30 to 70	C
MECHANICAL		
Safe Overload	150	% of RL
Ultimate Overload	300	% of RL
Deflection	<0.5	mm
Cable type	4-C	screened
Cable length	3	M
Sealing	IP67	

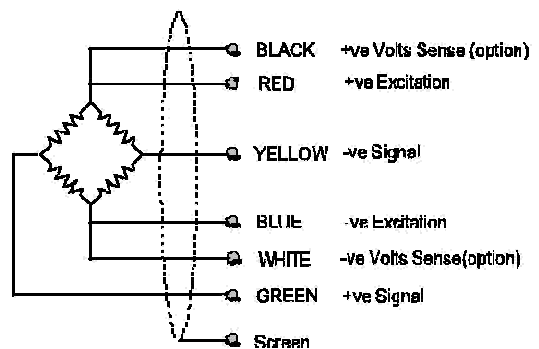
Table

RATING te.	A mm	B mm	C mm	D mm	E mm
250-2000	76.2	25.4	16	38.1	26
5000	95.3	38.1	20	50.8	36
10,000	120.7	50.8	26	68	46
RATING te.	F mm	I mm	J Dia mm	K mm	
250-2000	135	2	13	M12 x 1.75p	
5000	170	2	21	21	
10,000	220	3	26	26	

Accuracy Class..... D3

ACCURACY		
Non linearity & hysteresis	0.25	%
Non repeatability	0.05	%
Zero return (after 30 minutes)	0.04	%
Temp. effect/10 C on zero	0.10	%
Temp. effect/10 C on span	0.10	%

Wiring



Note:

Maximum errors (+/-) are expressed as a percentage of rated load (when measured at 10Vdc excitation). The linearity and hysteresis is the maximum deviation from a straight line drawn between the no load and the rated load outputs for both increasing and decreasing loads. Accuracy classes apply when active range (live weight) is within 20 to 90% of rated load.

