



NATIONAL STANDARDS COMMISSION

S248
10/8/89

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S248

This is to certify that an approval for use for trade has been granted in respect of the pattern of the

Revere Model SSB-0.5t-C3 Load Cell

submitted by Revere Transducers Europe
Schapenweide 50
NL - 4824 AN Breda
Holland.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/3/94.
This approval expires in respect of new instruments on 1/3/95.

Load cells purporting to comply with this approval shall be marked NSC No S248. Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S248 in addition to the approval number of the instrument.

This approval may be withdrawn if load cells are constructed other than in accordance with the drawings and specifications lodged with the Commission.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating these load cells shall be within the limits specified in this approval and in any approval documentation for the other components.

The load cells shall be subject to regular certification by the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 1/2/89

- Revere model SSB-0.5t-C3 load cell of 500 kg capacity.

Technical Schedule No S248 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Supplementary Certificate of Approval No S248 dated 10/8/89
Technical Schedule No S248 dated 10/8/89 (Incl. Table 1)
Figures 1 to 3 dated 10/8/89



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TECHNICAL SCHEDULE No S248

Pattern: Revere Model SSB-0.5t-C3 Load Cell.

Submittor: Revere Transducers Europe
Schapenweide 50
NL-4824 AN Breda
Holland.

1. Description of Pattern

The pattern is a Revere model SSB-0.5t-C3 load cell of 500 kg capacity (refer Figure 1 and Table 1).

1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and in accordance with one of the methods shown in Figures 2 and 3.

1.3 Markings

The following is the minimum data required to be marked on the load cells:

Manufacturer's name or mark
Model number (*)
Serial number
NSC approval number
Maximum rated capacity

NSC No S248

(*) The load cells may be marked with an additional "SC" suffix.

TABLE 1

Type:	Revere model SSB-0.5t-C3
Maximum capacity	500 kg
Maximum number of verification scale intervals	(a) 3500 (b) 3500
Minimum value of verification scale interval	(a) 0.019 kg (b) 0.048 kg
Output rating (nominal)	2.0 mV/V
Input impedance (nominal)	350 ohms
Supply voltage (AC or DC)	5-15 V
Cable length (\pm 0.1 m)	5.0 m
Number of leads (plus shield)	4

(a) Instruments with automatic zero track.

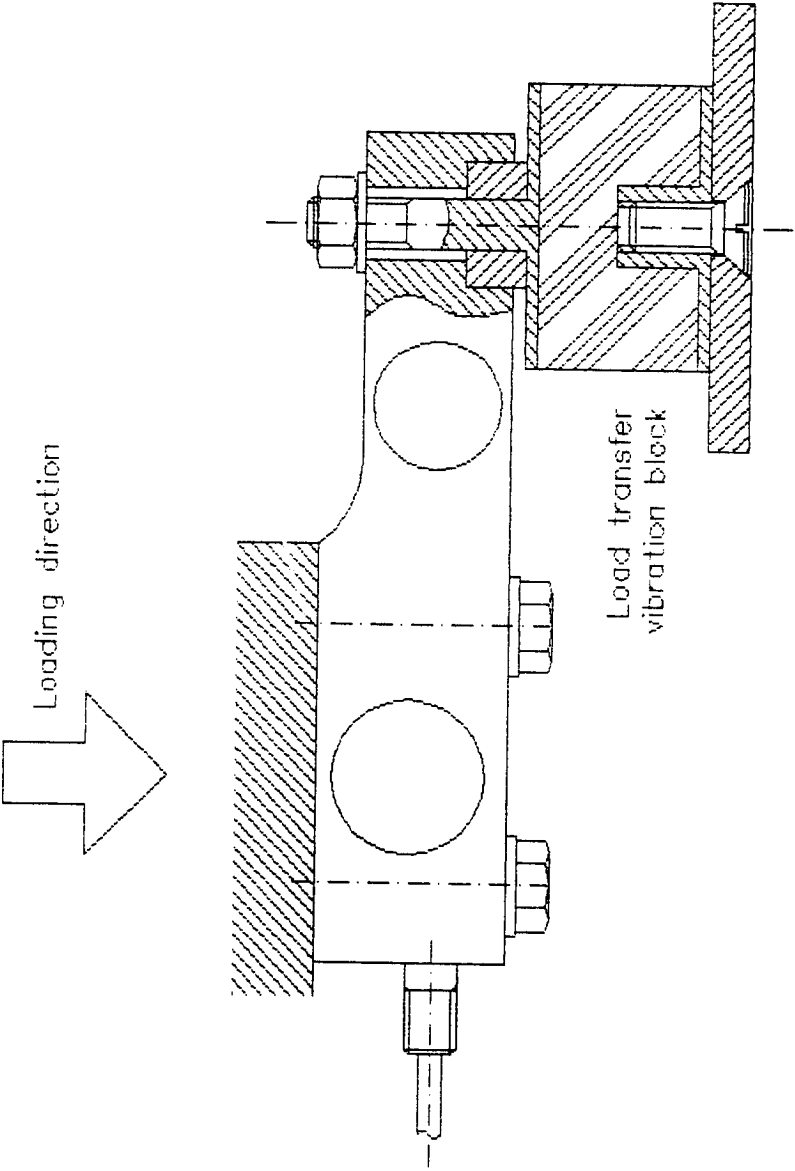
(b) Instruments without automatic zero track.

Figure S248 - 1



Reverse Model SSB Load Cell

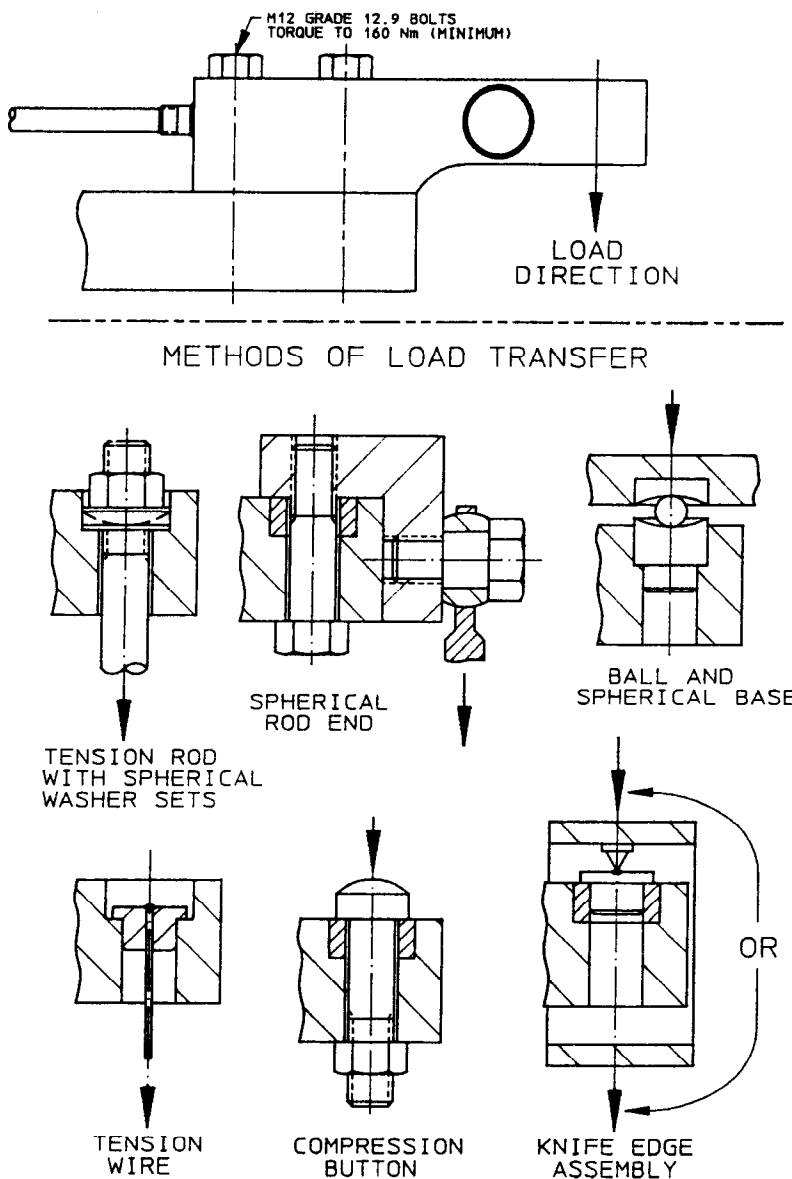
Figure S248 - 2



Typical Mounting Method

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Figure S248 - 3



Additional Mounting Methods