



S230
19/5/88

NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S230

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

Revere Model SHB-0.05t-C3 Load Cell

submitted by Revere Corporation of Europe GmbH
 Otto-Hahn-Str. 40
 D-6382 Friedrichsdorf 2
 West Germany.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/9/92.
This approval expires in respect of new instruments on 1/9/93.

Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S230 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This approval may be withdrawn if load cells are constructed other than in accordance with the drawings and specifications lodged with the Commission.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 or in any approval documentation for the other components.

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

Signed

Executive Director

Descriptive Advice

Pattern: approved 13/8/87

- Revere model SHB-0.05t-C3 load cell of 50 kg capacity.

Technical Schedule No S230 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Supplementary Certificate of Approval No S230 dated 19/5/88
Technical Schedule No S230 dated 19/5/88
Figures 1 and 2 dated 19/5/88



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S230

Pattern: Revere Model SHB-0.05t-C3 Load Cell.

Submittor: Revere Corporation of Europe GmbH
Otto-Hahn-Str. 40
D-6382 Friedrichsdorf 2
West Germany.

1. Description of Pattern

The pattern is a Revere model SHB-0.05t-C3 load cell of 50 kg capacity (refer Figure 1 and Table 1).

1.1 Method of Mounting

Mounting is to be in accordance with one of the methods shown in Figure 2.

1.2 Marking

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

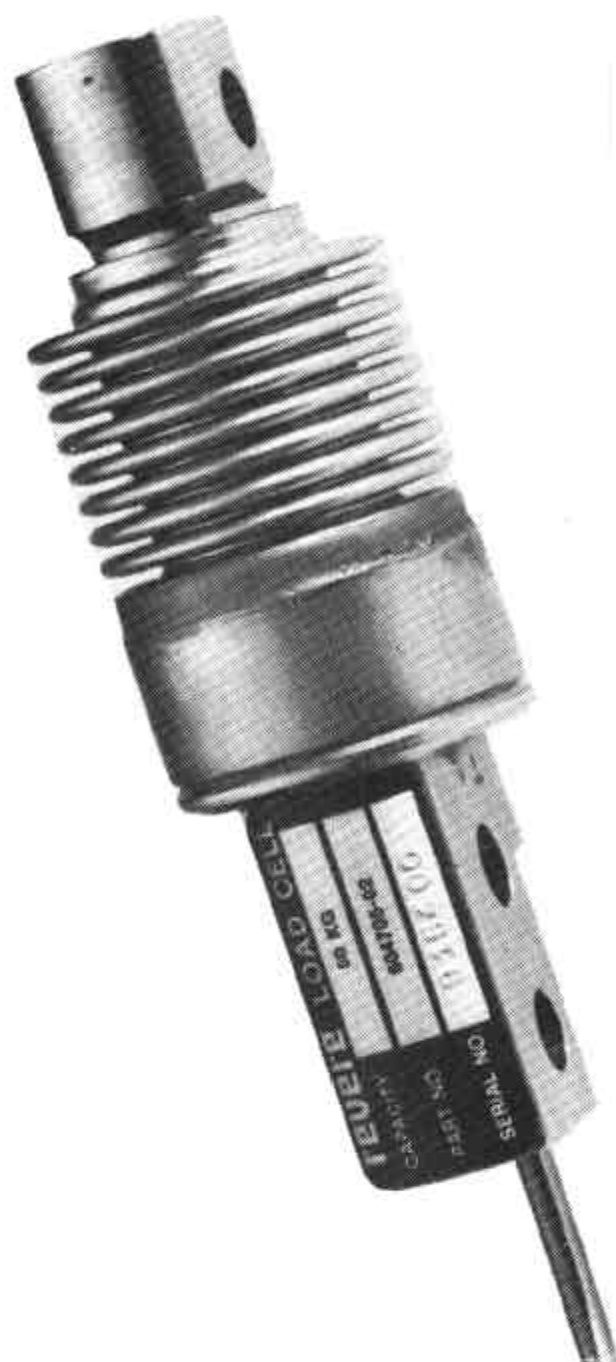
Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC S230
Maximum rated capacity	

TABLE 1

Type:	Revere	SHB-0.05t-C3
Maximum capacity		50 kg
Maximum number of verification scale intervals *	(a)	3000
	(b)	3000
	(c)	3000
	(d)	3000
Minimum value of verification scale interval *	(a)	0.005 kg
	(b)	0.005 kg
	(c)	0.009 kg
	(d)	0.010 kg
Output rating (nominal)		2 MV/V
Input impedance (nominal)		450 ohms
Supply voltage (AC or DC)		10 V
Cable length (+ 0.1 m)		3 m
Number of leads (excluding shield)		4

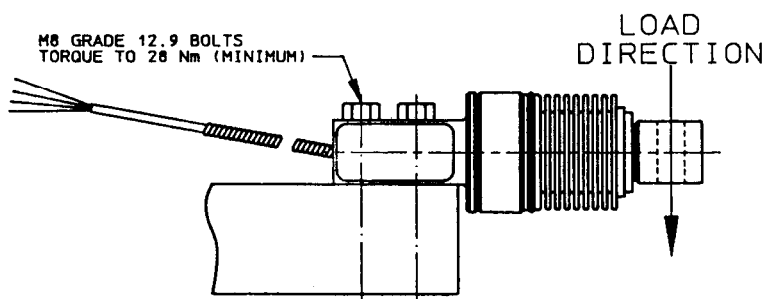
- (a) Instruments with automatic zero track - multi cell applications
- (b) Instruments with automatic zero track - single cell applications
- (c) Instruments without automatic zero track - multi cell applications
- (d) Instruments without automatic zero track - single cell applications

FIGURE S230 - 1



Revere SHB-C3 Load Cell

FIGURE S230 - 2



METHODS OF LOAD TRANSFER

