CANCELLED 0|3 31-12-90

NATIONAL STANDARDS COMMISSION

WEIGHTS & MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S135

This is to certify that an approval has been granted by the Commission that the pattern and variant of the

HBM Model Z6H2 Load Cell Of 500 kg Capacity

submitted by Electrical Equipment Ltd
192 Princes Hwy
Arncliffe, NSW, 2205,

are suitable for use for trade, when used in a Commission-approved weighing instrument.

The approval of the pattern and variant is subject to review on or after 1/4/88.

Any instrument incorporating a load cell purporting to comply with this approval shall be marked NSC No S135 in addition to the approval number of the instrument.

Relevant drawings and specifications are lodged with the Commission.

Conditions of Approval

1. The number of scale intervals applicable to the weighing instrument shall be no greater than the number of verification scale intervals approved for the basework, or the load cell, or the headwork, whichever is the smallest.

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

Signed

Executive Director

Descriptive Advice

Pattern: approved 18/2/83

. HBM model Z6H2 load cell of 500 kg capacity.

Variant: approved 18/2/83

1. In various capacities as per Table 1.

Technical Schedule No S135 dated 16/3/83 describes the pattern and variant.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No S135 dated 16/3/83
Technical Schedule No S135 dated 16/3/83 (including Table 1)
Figures 1 and 2 dated 16/3/83.

16/3/83

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S135

Pattern: HBM Model Z6H2 Load Cell Of 500 kg Capacity

Submittor: Electrical Equipment Ltd
192 Princess Highway
Arncliffe, NSW, 2205.

1. Description of Pattern

The pattern is an HBM model Z6H2 load cell of 500 kg capacity (Figure 1 and Table 1) assembled in a Commission-approved basework.

1.1 Method of mounting

Mounting is to be in accordance with the manufacturer's instructions and as shown in Figure 2.

1.2 Marking

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

Manufacturer's name or mark	
Model number	Z6H2
Serial number	.....
Output in the form	...mV/V
Maximum rated capacity in the form	.....kg

2. Description of Variant

2.1 Variant 1

HBM model Z6H2 load cells of various capacities as specified in Table 1.

TABLE 1

Type: HBM Z6H2

Maximum capacity	50 kg	100 kg	200 kg	500 kg
Maximum number of verification scale intervals	3000	3000	3000	3000
Minimum dead load	3 kg	8 kg	17 kg	130 kg
Minimum value of verification scale interval	0.005 kg	0.01 kg	0.02 kg	0.05 kg
Cable length ($\pm$0.1m)	3m	3m	3m	3m

HBM Model Z6H2 Load Cell -
Approved Capacities

19 June 1995

National Standards Commission

NOTIFICATION OF CHANGE

VARIOUS CERTIFICATES OF APPROVAL

The following change is made to the approval documentation for various approvals as listed below.

In the Certificates and Technical Schedules of the approvals listed below, all references to the submittor are changed to read:

Hottinger Baldwin Messtechnik GmbH
Im Tiefen See 45
D-64293 Darmstadt
Germany

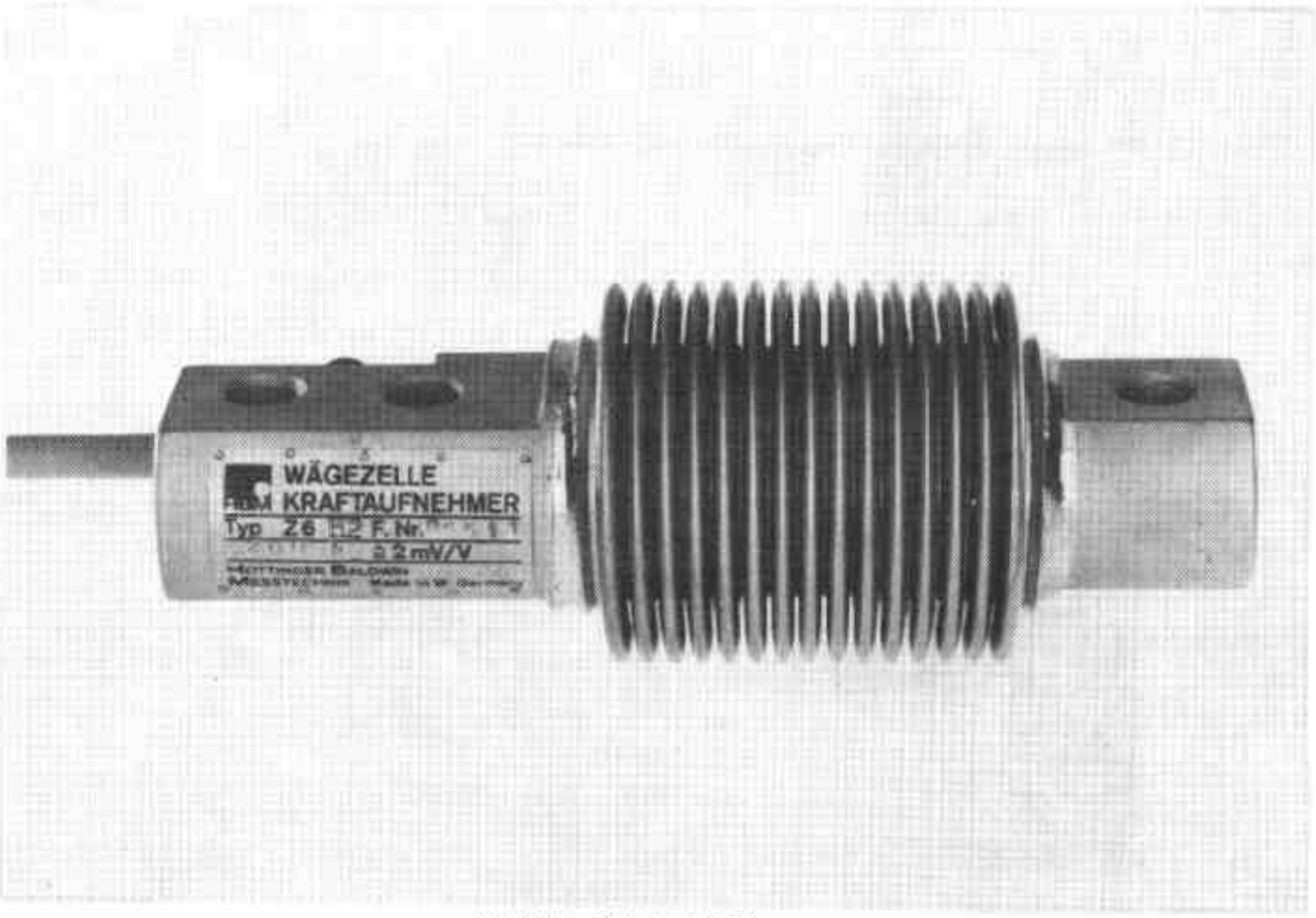
APPROVAL NUMBER	PATTERN (#)
PS134	HBM Model Z6H3 Load Cell of 200 kg Capacity
S135	HBM Model Z6H2 Load Cell of 500 kg Capacity
S136	HBM Model C3H2 Load Cell of 50 t Capacity
S137	HBM Model Z3H2 Load Cell of 1000 kg Capacity
S282	HBM Model C3H2 Load Cell of 100 000 kg Capacity
S310	HBM Model C3H2 Load Cell of 30 000 kg Capacity

(#) Some approvals have other capacities as variants.

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

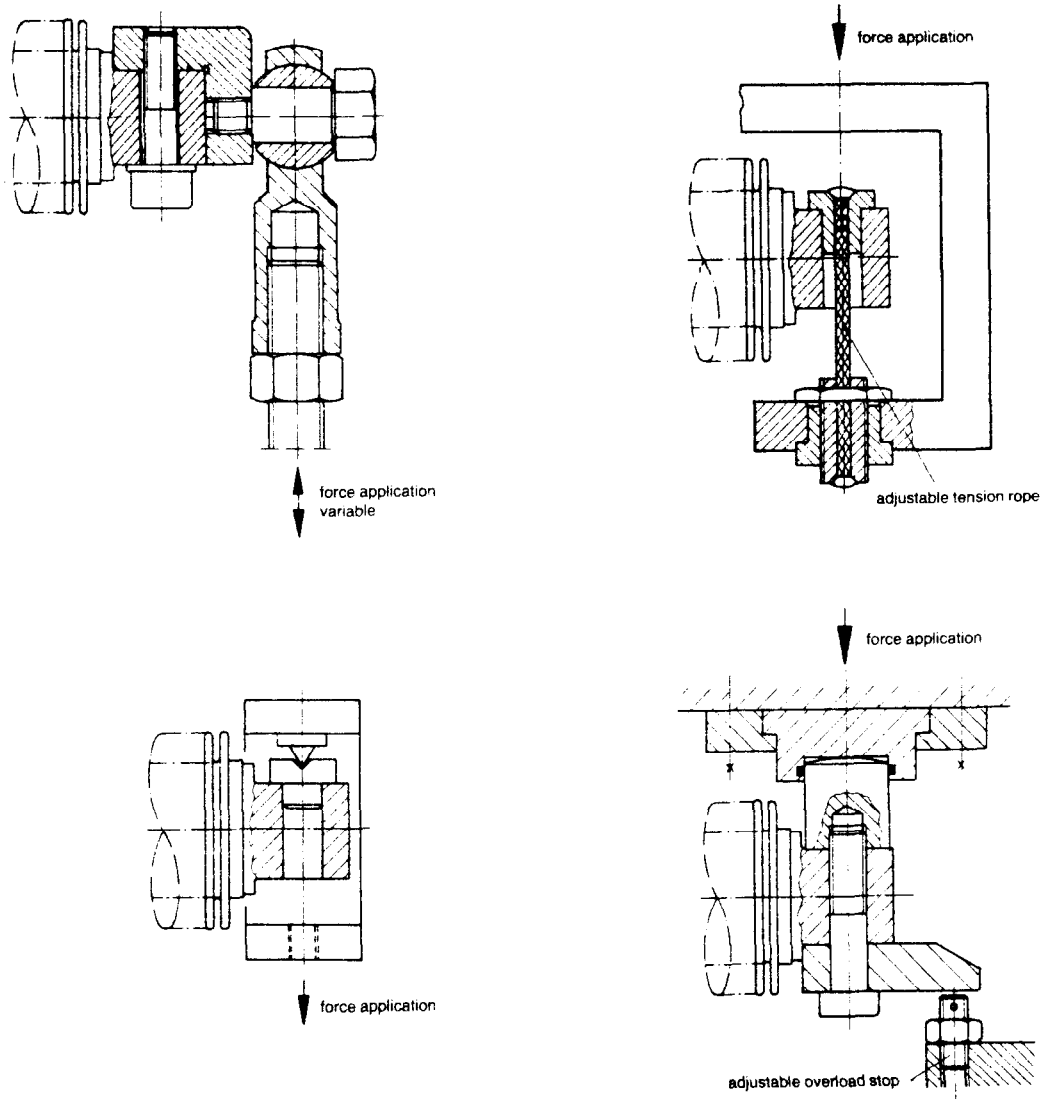
16/3/83

FIGURE S135 - 1



HBM Model Z6H2 Load Cell

FIGURE S135 - 2



Alternative Mounting Methods

16/3/83