



National Standards Commission

Cancellation

Supplementary Certificate of Approval No S282

This is to certify that the approval for use for trade granted in respect of the

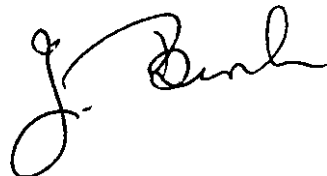
HBM Model C3H2 Load Cell

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

has been cancelled in respect of new instruments as from 31 August 1999.

Instruments which were verified/certified before that date may, with the concurrence of the relevant verifying authority, be submitted for reverification.

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.



National Standards Commission



Supplementary Certificate of Approval

No S282

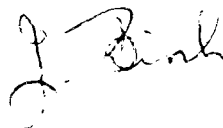
Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

HBM Model C3H2 Load Cell

submitted by AWA Distribution
112-118 Talavera Road
North Ryde NSW 2113.

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.



CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/4/97.

This approval expires in respect of new instruments on 1/4/98.

Instruments purporting to comply with this approval shall be marked NSC No S282 and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S282 in addition to the approval number of the instrument.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document 106.

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

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 13/3/92

. An HBM model C3H2 load cell of 100 000 kg maximum capacity.

Technical Schedule No S282 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S282 dated 21/7/92
Technical Schedule No S282 dated 21/7/92 (incl. Table 1)
Figures 1 to 3 dated 21/7/92



National Standards Commission

TECHNICAL SCHEDULE No S282

Pattern: HBM Model C3H2 Load Cell.

Submitter: AWA Distribution
112-118 Talavera Road
North Ryde NSW 2113.

1. Description of Pattern

The pattern is an HBM model C3H2 load cell of 100 000 kg capacity (refer Figure 1 and Table 1) approved for use with a maximum of 2000 verification scale intervals.

1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions. Figures 2 and 3 show typical mounting methods.

1.2 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	NSC No S282
Maximum rated capacity	

TABLE 1

Type: HBM model C3H2

Maximum capacity		100 000 kg
Maximum number of verification	(a)	2000
scale intervals	(b)	2000
Minimum value of verification	(a)	6.36 kg
scale interval	(b)	15.9 kg
Output rating (nominal)		2.0 mV/V
Input impedance (nominal)		350 ohms
Supply voltage (AC or DC)		0.5-12 V
Number of leads (plus shield)		6
Cable length (± 0.1 m)		12 m

- (a) Instruments with automatic zero track.
- (b) Instruments without automatic zero track.

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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 submitter 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.

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Notification of Change Supplementary Certificate of Approval No S282 Change No 1

The following change is made to the approval documentation for the

HBM Model C3H2 Load Cell

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

In Supplementary Certificate of Approval No S282 dated 21 July 1992;

1. The Condition of Approval referring to the review of the approval should be amended to read:
"This approval becomes subject to review on 1 April 1997, and then every 5 years thereafter."
2. The Condition of Approval referring to the expiry of the approval should be deleted.

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.

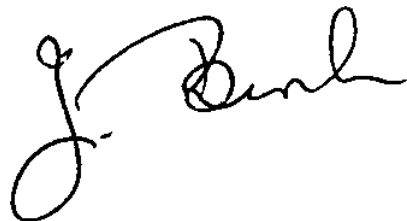
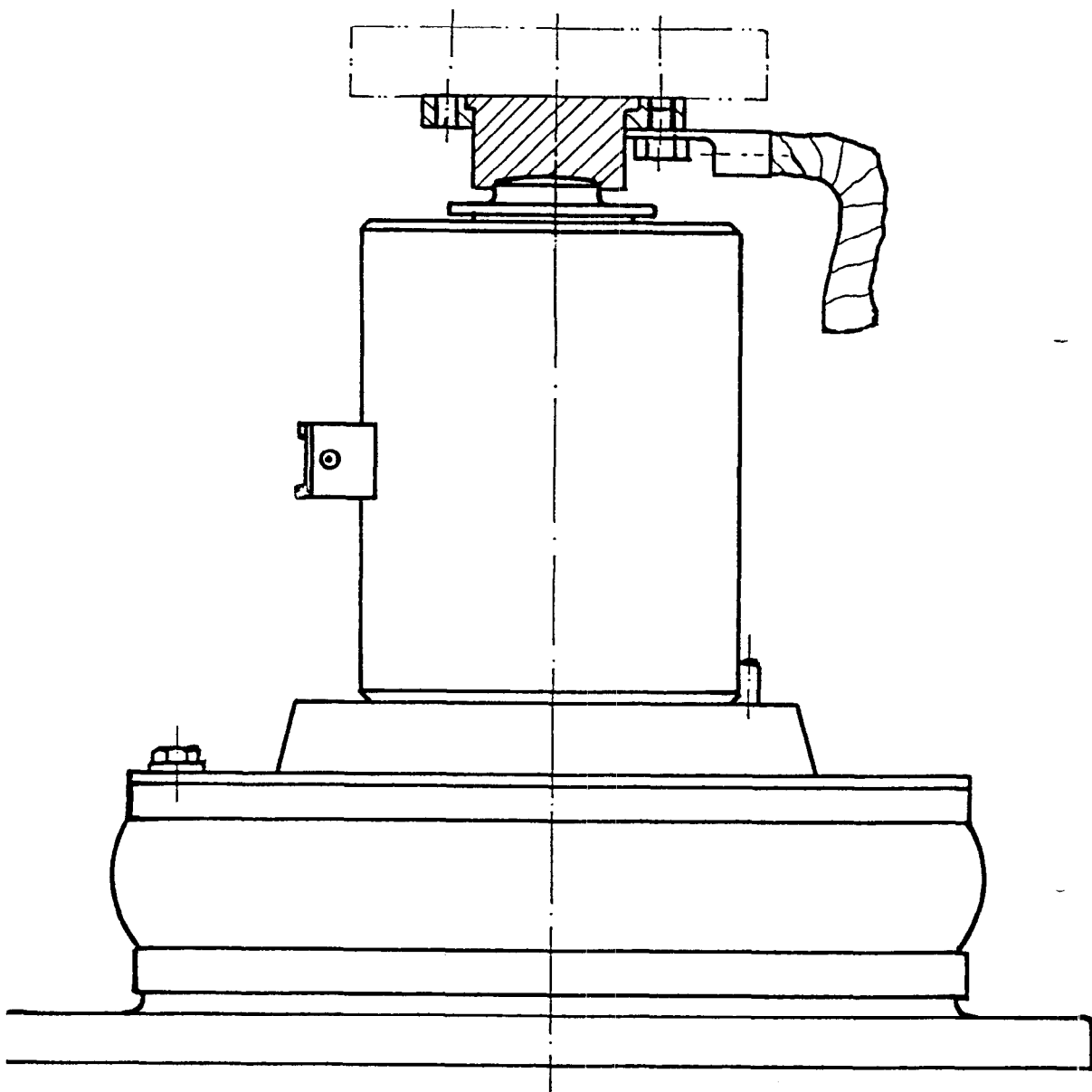


FIGURE S282 - 1



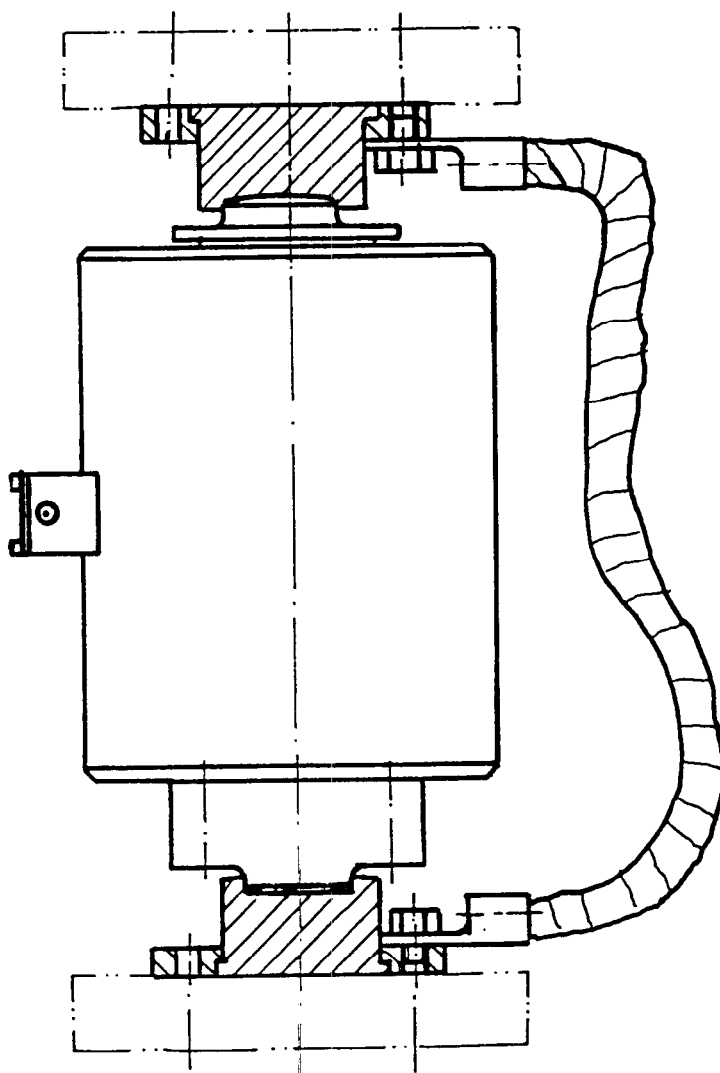
HBM Model C3H2 Load Cell

FIGURE S282 - 2



A Typical Mounting Method

FIGURE S282 - 3



An Alternative Mounting Method