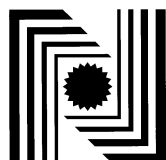
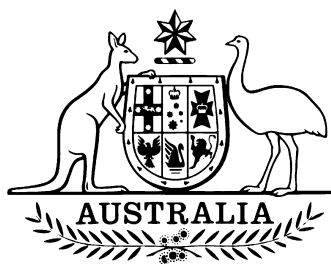


S333  
27 June 2002



## National Standards Commission

12 Lyonpark Road, North Ryde NSW

### Cancellation

### Supplementary Certificate of Approval

### No S333

Issued under Regulation 60  
of the  
National Measurement Regulations 1999

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

GLOBAL Weighing Model PR6201/23C3 Load Cell

submitted by GWT GLOBAL Weighing Technologies GmbH  
Meiendorfer Strasse 205  
22145 Hamburg  
GERMANY

has been cancelled in respect of new instruments as from 1 July 2002.

Signed by a person authorised under Regulation 60  
of the National Measurement Regulations 1999 to  
exercise the powers and functions of the Commission  
under this Regulation.





**National Standards Commission**  
**Supplementary Certificate of Approval**  
**No S333**

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

GLOBAL Weighing Model PR6201/23C3 Load Cell

submitted by GWT GLOBAL Weighing Technologies GmbH  
Meiendorfer Strasse 205  
22145 Hamburg  
GERMANY.

**NOTE:** This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

**CONDITIONS OF APPROVAL**

This approval becomes subject to review on 1 September 2001, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No S333 and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S333 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 Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

#### DESCRIPTIVE ADVICE

**Pattern:** approved 27 August 1996

- A GLOBAL Weighing model PR6201/23C3 load cell of 30 000 kg maximum capacity. May also be known as Philips load cells of the same model.

**Variant:** approved 18 June 1997

1. Certain models of the PR6201 series as listed in Tables 1 and 2.


Technical Schedule No S333 describes the pattern and variant 1.

#### FILING ADVICE

Supplementary Certificate of Approval No S333 dated 25 October 1995 and all other documentation including Technical Schedule No S333 and Figures 1 to 4 for this approval are superseded by the documentation listed below, and should be destroyed. The documentation for this approval now comprises:

Supplementary Certificate of Approval No S333 dated 29 October 1999  
Technical Schedule No S333 dated 29 October 1999 (incl. Tables 1 and 2)  
Figures 1 to 4 dated 29 October 1999

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.



## TECHNICAL SCHEDULE No S333

**Pattern:** GLOBAL Weighing Model PR6201/23C3 Load Cell

**Submittor:** GWT GLOBAL Weighing Technologies GmbH  
Meiendorfer Strasse 205  
22145 Hamburg  
GERMANY.

### 1. Description of Pattern

A GLOBAL Weighing model PR6201/23C3 load cell of 2 000 kg maximum capacity (Table 1) approved for use with up to 3 000 verification scale intervals. May also be known as Philips load cells of the same model (Figure 1).

#### 1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and as shown in Figures 2 to 4.

#### 1.2 Markings

Each load cell is marked with the following:

Manufacturer's mark, or name written in full	.....
Model number	.....
Serial number	.....
Pattern approval mark	NSC No S333
Maximum capacity $E_{max}$	..... kg

#### 1.3 Table of Specifications

Specifications for the pattern are given in Table 1.

### 2. Description of Variant 1

Certain models of the PR6201 series of load cells having specifications as listed in Tables 1 and 2.

TABLE 1

Type:		PR6201/23C3	PR6201/33C3
Maximum capacity	kg	2 000	3 000
Accuracy class		C3	C3
Maximum number of verification scale intervals		3000	3000
Minimum value of verification scale interval	kg	0.14	0.21
Minimum dead load output return value (DR)	kg	0.14	0.21
Output rating (nominal)	mV/V	1.0	1.0
Input impedance (nominal)	$\Omega$	650	650
Supply voltage (DC)	V	4 - 24	4 - 24
Cable length ( $\pm 0.1$ m)	m	5, 10, 15 or 20	5, 10, 15 or 20
Number of leads (plus shield)		4	4

TABLE 2

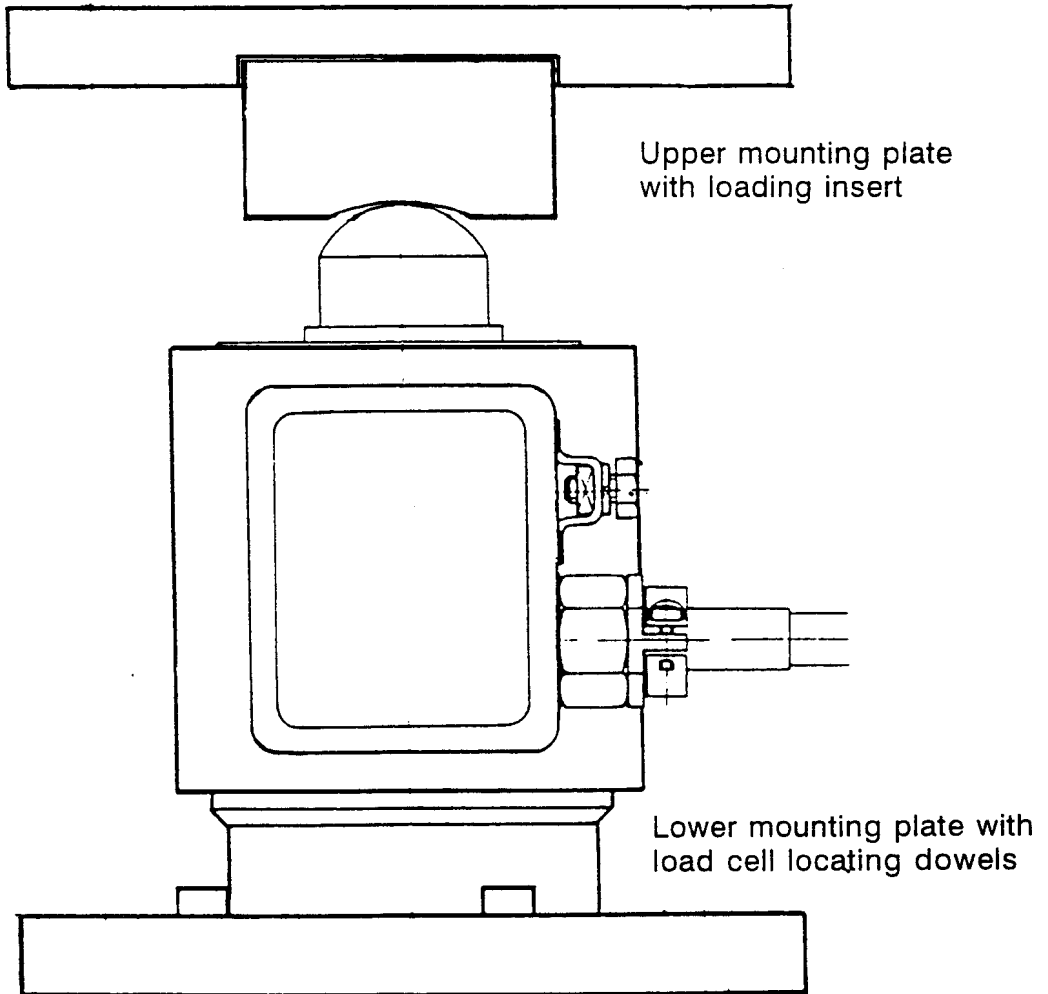
Type:		PR6201/53C3	PR6201/14C3
Maximum capacity	kg	5 000	10 000
Accuracy class		C3	C3
Maximum number of verification scale intervals		3000	3000
Minimum value of verification scale interval	kg	0.35	0.71
Minimum dead load output return value (DR)	kg	0.35	0.71
Output rating (nominal)	mV/V	1.0	1.0
Input impedance (nominal)	$\Omega$	650	650
Supply voltage (DC)	V	4 - 24	4 - 24
Cable length ( $\pm 0.1$ m)	m	5, 10, 15 or 20	5, 10, 15 or 20
Number of leads (plus shield)		4	4

FIGURE S333 - 1



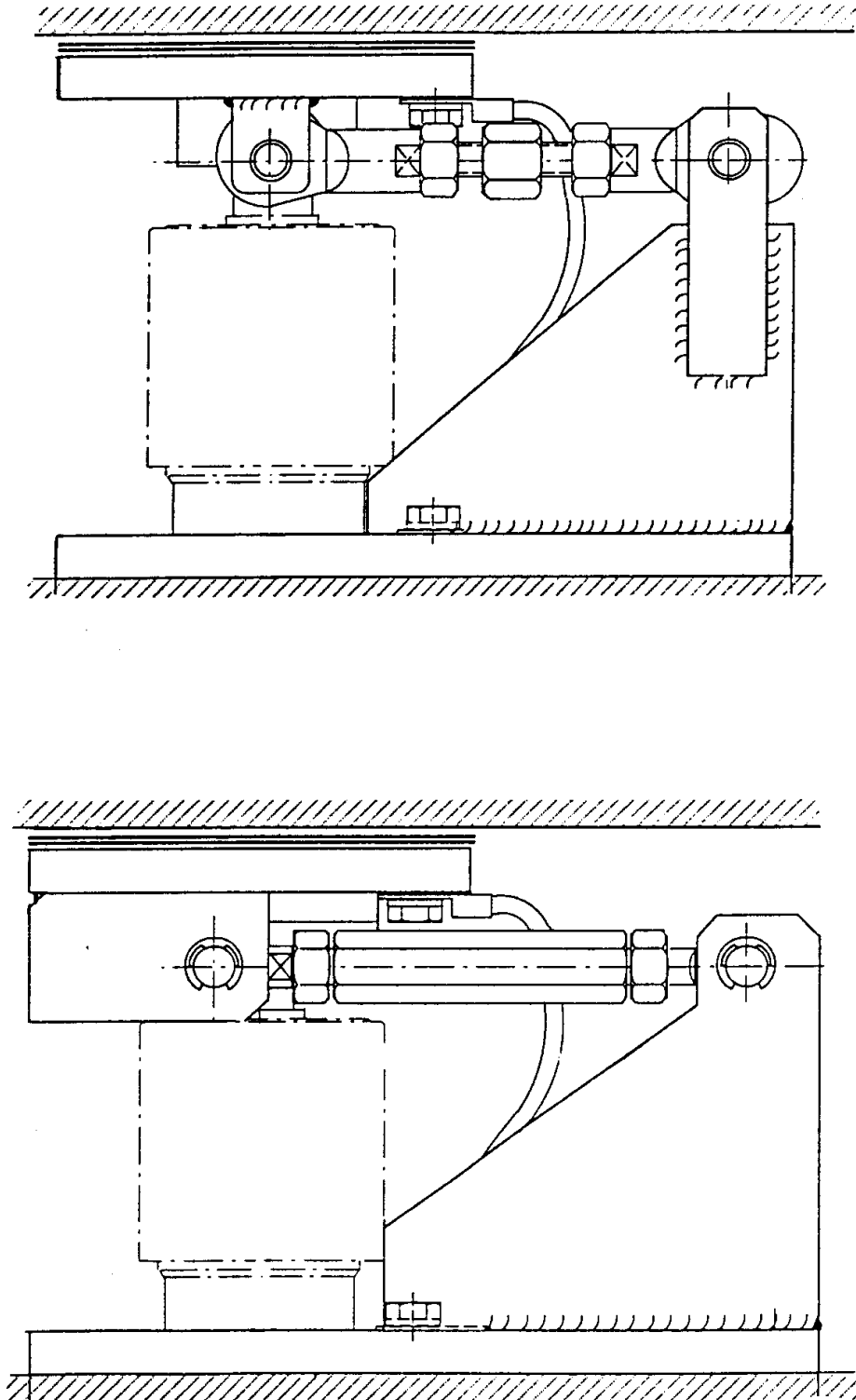
Model PR6201/23C3 Load Cell

FIGURE S333 - 2



Mounting Method Without Horizontal Constrainers

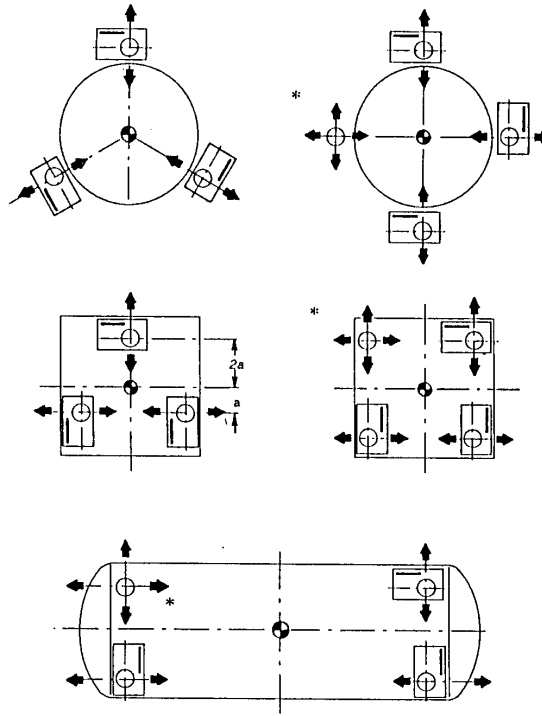
FIGURE S333 - 3



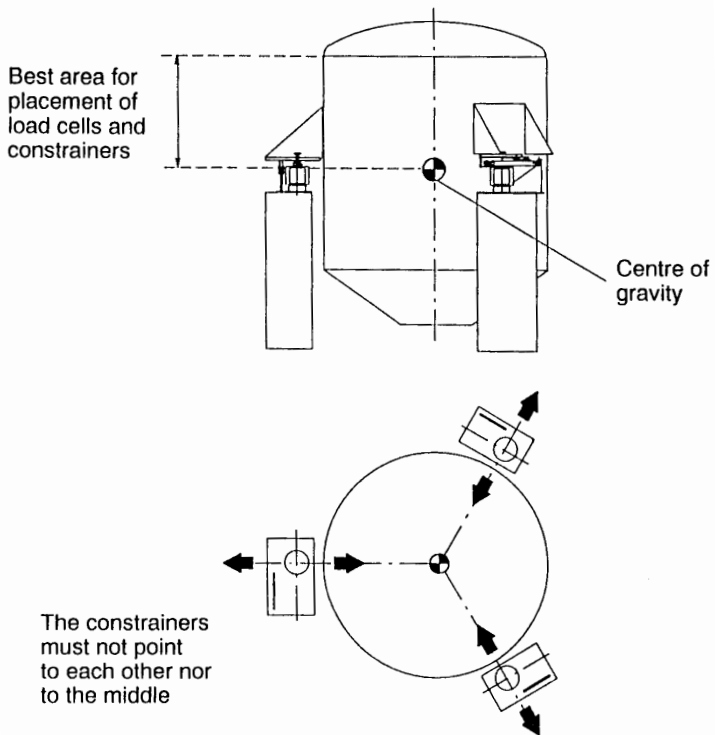
Typical Mounting Methods With Horizontal Constrainters



FIGURE S333 - 4



\* This weighing point must not be constrained



Showing Position of Load Cells and Horizontal Constrainers