

TEST CERTIFICATE

No. DK0199-R60-03.07 Revision 1

Issued by DELTA Danish Electronics, Light & Acoustics,
EU - Notified Body No. 0199

In accordance with EN 45501 (1992), paragraph 8.1 and 3.5.4
with fraction $p_{LC} = 0.7$.
OIML R60 (Edition 2000)

Issued to **Revere Transducers Europe B.V.**
Ramshoorn 7
Postbus 6909, 4802 HX Breda
The Netherlands

In respect of Single ended shear beam, strain gauge load cell

Type Type ACB

Manufacturer **Revere Transducers Europe B.V.**

Description and documentation The load cell is described and documented - including a summary of the tests - in the Annex which forms part of this test certificate

Characteristics

Type designation		ACB	
Maximum capacity	E_{max}	500 kg	1 t, 2 t, 5 t
Accuracy class		C	
Maximum number of intervals	n_{LC}	3000	6000
Apportionment factor	p_{LC}	0.7	
Minimum verification interval	v_{min}	0.005 % E_{max}	
Ratio of min LC verification interval	Y	20000	
Minimum dead load output return	DR	0.016 % E_{max}	0.008 % E_{max}
Relative DR	Z	3125	6250
Rated output (sensitivity)	C	2 mV/V	
Excitation voltage	U_{exc}	5-12 V	
Minimum dead load, relative	E_{min} / E_{max}	0 %	
Safe overload limit	Lim	150 % E_{max}	
Temperature rating	T_{min} / T_{max}	-10 °C / +40 °C	
Input resistance	Ohm	1000	
Humidity condition		CH	

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The ANNEX comprises 1 page.

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NAME AND TYPE OF THE LOAD CELL

The load cell is designated ACB

1. Technical data

Listed on the front page.

2. Tests

The tests listed in table 2 below have been carried out in accordance with OIML R60, edition 2000.

Report no. DANAK-196893 dated 2003-04-29 and DANAK-196976 dated 2003-05-23 issued by DELTA.

Table 2. Tests carried out on one load cell as follows:

Type:	ACB	ACB
Serial no.:	460166-03	430703-03
Class:	C6	C3
E _{max} :	1000 kg	500 kg
n _{LC} :	6000	3000

Tests	Ref: R 60-2000	Passed / Failed
Temperature test and repeatability (at 20, 40, -10 and 20 °C)	5.1.11 & 5.4 & A.4.1.4-15 & A.4.1.2	Passed
Temperature effect on minimum load output (at 20, 40, -10 and 20 °C)	5.5.1.3 & A.4.1.4, A.4.1.5-10, A.4.1.15	Passed
Creep during 30 minutes (at 20, 40, -10 °C)	5.3.1 & A.4.2	Passed
Minimum dead load output return (at 20, 40, -10 °C)	5.3.1 & A.4.3 and 5	Passed
Barometric pressure effects at room temp.	5.5.2 & A.4.4	Passed
Humidity test (CH)	5.5.3.1 & A.4.5	Passed