
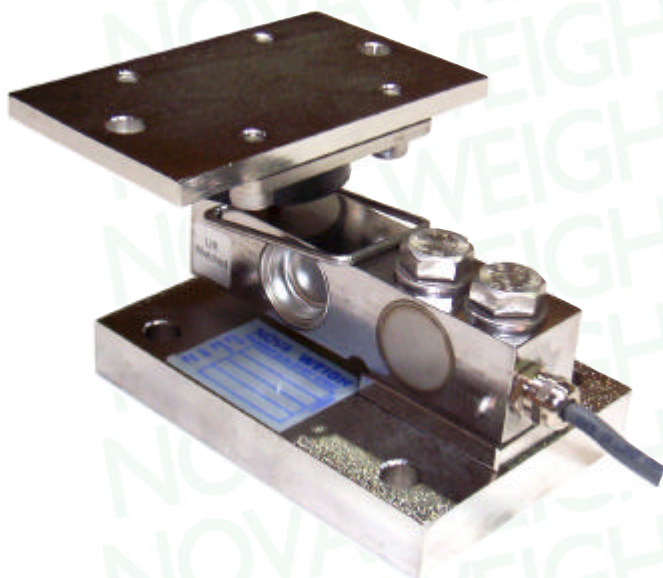


## FlexiMount

Capacities:      300 kg      2,000 kg  
                         500 kg      5,000 kg  
                         1,000 kg

- **Highly cost effective solution for a broad spectrum of process weighing requirements**
- **Flexible configuration - select only those parts the application needs**
- **Fully welded stainless steel shear beam load cell, sealed to IP68 and suitable for wash-down applications**
- **Three year warranty**
- **ATEX certified II I GD T85°C EEx ia IIC T6 - suitable for Gas and Dust hazards** 
- **OIML and NTEP approvals for Legal-for-Trade weighing applications**



### FlexiMount

FlexiMount delivers high precision OIML certified weighing performance in a cost effective package ideal for integrators and equipment builders.

One key difference between FlexiMount and other mounts is that the user chooses just those parts that are necessary for each specific application.

A fully configured mount includes...

- Stainless steel, IP68 protected, shear beam load cell with stainless steel fasteners and packing plate
- Elastomer loading element to allow for minor misalignment and reduce the effects of vibration
- Top plate to attach to upper loading surface
- Base plate to attach to lower loading surface

Some systems will not require all parts and therefore duplication and expense are avoided by omitting the top and/or base plates.

### Materials of construction

FlexiMount's load cell is stainless steel. The loading plates can be supplied either in 304 stainless steel or plated mild steel according to the customers requirements.

### ATEX certification for use in hazardous areas

The FlexiMount load cell is certified intrinsically safe in line with the ATEX Directive (94/9/EC). It can be installed in areas subject to both gas and dust hazards.

Nova Weigh has a range of cost-effective EX weighing instruments, all with ATEX certification.

### OIML approval (legal-for-trade)

FlexiMount's stainless steel load cell meets the requirements of the C3 (1:3,000) class.

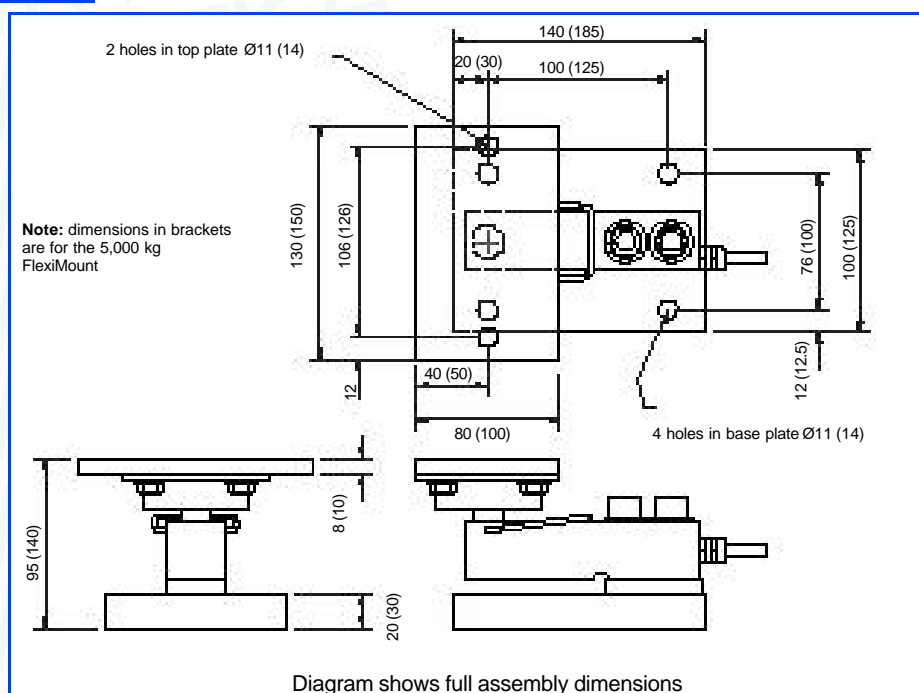
## Technical Specification

Grade	C3**
Rated capacities	300, 500, 1,000, 2,000, 5,000 kg
Rated output	2.0 mV/V $\pm$ 0.1%
Total error*	$\pm$ 0.020% of applied load
Zero return after 30 mins	$\pm$ 0.017% of applied load
Zero balance	$\pm$ 2.0% of rated output
Temperature range Operating Compensated	-30°C to +80°C -10°C to +40°C
Temperature effect On output On zero	0.0012°C of applied load 0.0011°C of rated output
Safe overload	150% of rated capacity
Ultimate overload	300% of rated capacity

\*Total error - according to OIML R60  
\*\*Standard 25% utilisation - other utilisation factors available on request

Excitation Recommended Maximum	10 Vac or dc 15 Vac or dc
Input impedance	380 ohms $\pm$ 10
Output impedance	375 ohms $\pm$ 25
Insulation impedance	>1,000 megaohms
Deflection at rated capacity	<0.4 mm
Construction	Stainless steel
Environmental protection	IP68
ATEX certification	II I GD T85°C EEx ia IIC T6 (-20°C $\leq$ T <sub>amb</sub> $\leq$ +40°C) II I GD T115°C EEx ia IIC T4 (-20°C $\leq$ T <sub>amb</sub> $\leq$ +70°C)
Cable	5m (standard) 6 wire, polyurethane jacket, dual floating screen

## Dimensions



# NOVA WEIGH



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BS EN ISO 9001:2000 Cert No: FM 11445

Nova Weigh's policy of constant product development dictates that we may alter specifications and or the appearance of our product range without notice.