The Basic series

OEM weigh cells

WZA215-LC

WZA...	215-LC
Capacity	210 g
Readability	0.01 mg

The Basic series focus just on the essentials. Sartorius provides the mechanical and electronic solution. These weighing devices should be integrated by the system provider to overcome the influences of the ambient conditions.

The weigh cell consist of two parts:
- A monolithic weighing system with a protective aluminium housing
- Aluminium E-Box with all electronic parts fix to a metal board

- An optional display is available
- Force compensation technology weighing system offers a full range 210g with a readability of 0.01mg
- Application related weigh pan design
- Integrated weigh pan overload protection
- Possibility for under floor weighing
- Fast warm-up by separation of weighing system and electronics
- Internal calibration weight for easy checks in automated environments
- Flexible interconnection on standard connectors
- USB/RS232C interface for configuration, data transfer and internal calibration
- Optional PC-software with menu setting, weigh data display and internal calibration functions

Technical Data
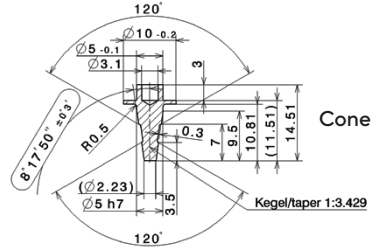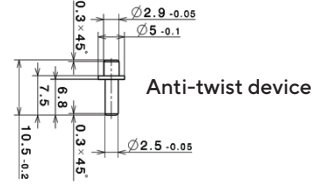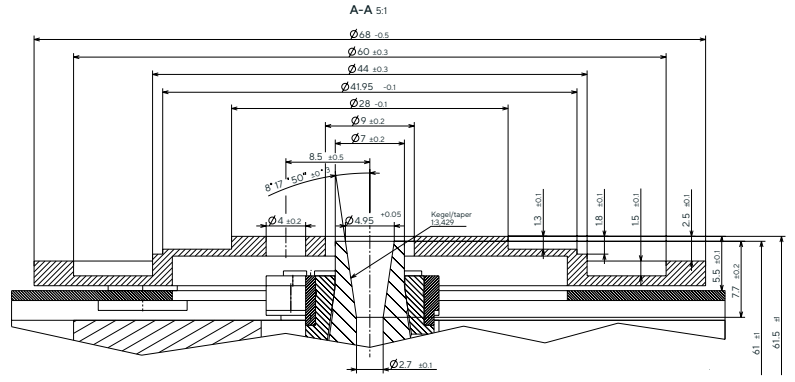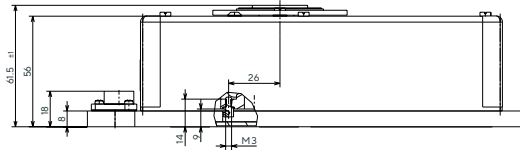

Electronic box

YAC01MSE (optional)

Model	WZA215-LC
Capacity	210 g
Readability	0.01 mg
Preload max. [1]	13.5 ± 0.5 g
Repeatability (standard deviation) [2]	≤± 0.02 mg
Linearity	≤± 0.2 mg
Measuring time [2] [3]	2.5 s | ≤± 0.02 mg
Operating temperature range	+10 .... +30 °C
Allowable temperature range	+5 .... +40 °C
Weigh cell dimensions	220 × 160 × 61 mm (base plate × height)
Electronic metal board dimensions | Box	196 × 136.5 × 34 mm | 200 × 139 × 43.5 mm (base × height) without connectors
Cable length weigh cell to electronics	Ribbon cable 0.5 m (maximum length of local made extension is 3 m)
Weighing pan	Not included
Under floor load receptor	M3 thread
Power supply unit STNG6	TNG10 | 6971987, 115/230V_{AC}, +15 ... -20%, 48 – 60Hz
Power supply (alternative)	15V (+15% -10%); 0.5V_{PP} (peak to peak)
Power consumption	9 VA (typical)
Data-Interface	USB, RS232C, software | hardware handshake

### Options | Accessories

Windows configuration software for test and adjustment	Sartorius CAS Suite
Connection cable 25 | 9pin RS232 | RS232-USB	RS232 7357314 | YCC01-USBM2
Connection cable USB A to USB B	Buy local
Weighing pan	69W00142; 36 mm Ø three M3 threads all 120°; Weight of the pan 13.5 ± 0.5 g
Shield ring	69Y03249
Weighing pan, shield ring, weigh cell cable, feed	YWP02WZA
Display MSE	YAC01MSE

1) the preload can be configured by using the Sartorius CAS Suite software; higher preload will reduce the weighing range
2) depending on measurement equipment set-up and conditions;
3) measuring time is the time in which the measured value is in the given range around the static end value; test weight is approx. 25% of the weighing range.
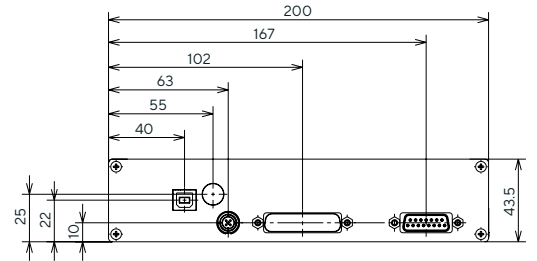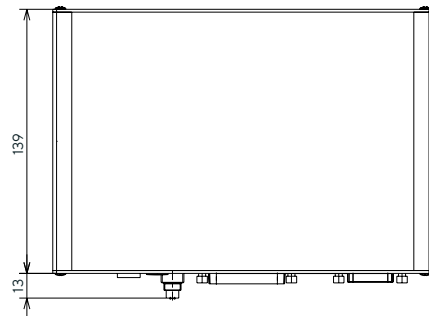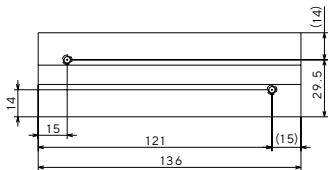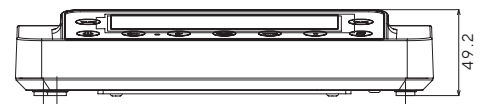
Weigh cell

A-A 5:1

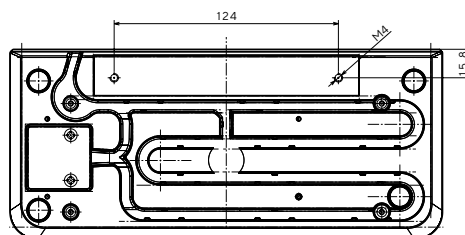### Anti-twist device
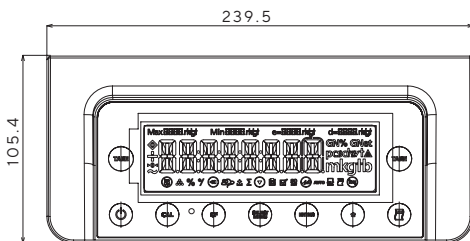

Cone
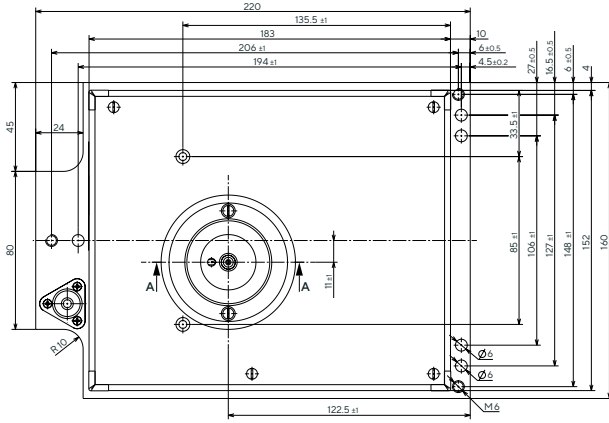
Shield ring | 69Y03249
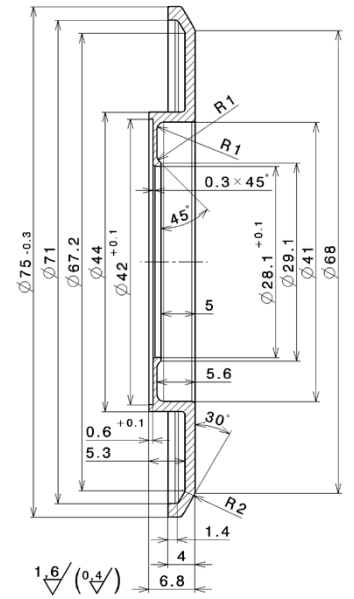
Electronic box

Optional YAC01MSE

Dimensions in mm

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