



The WZ-CW series



OEM weigh cells

WZ215-CW

Outstanding features:

The weigh cell has dual range features and shows up to 80g a readability of 0.01mg. Weighing data are available via the RS232C interface port and on the display.

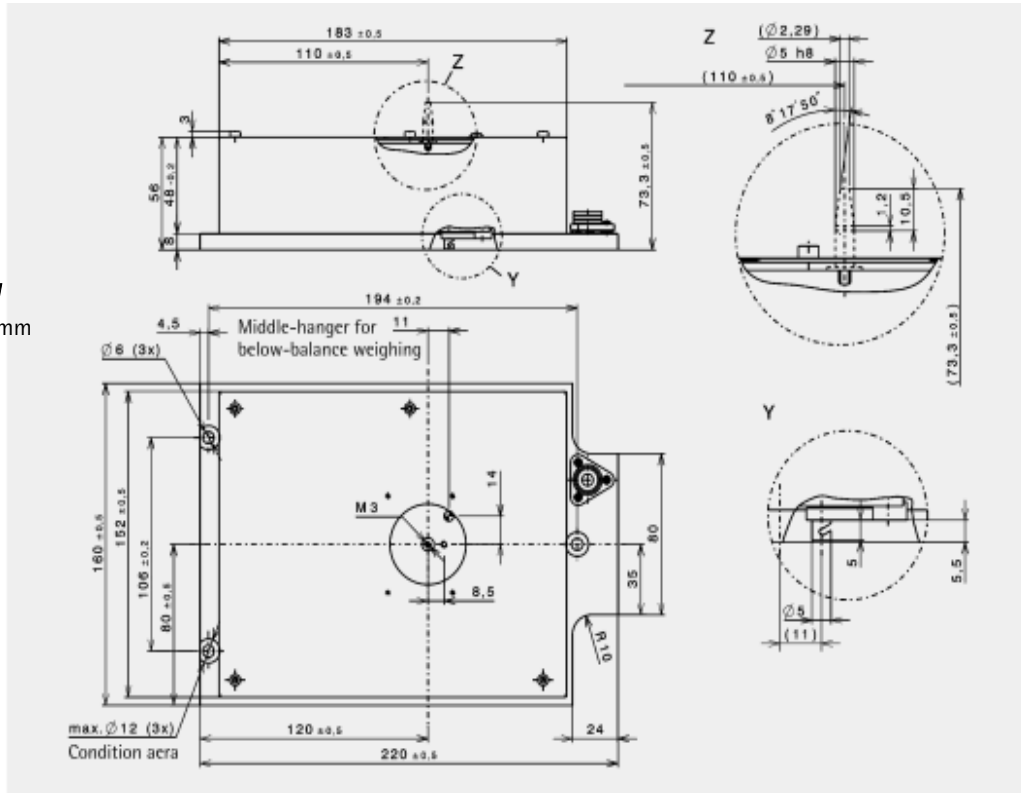
The weigh cell consists of 4 main components:

- A monolithic weigh system, based on force compensation technology
 - a capsulated AD-PCB
 - a display PCB
 - a digital PCB
- The fully automatic adjustment of the cell is done with internal calibration weights.
- For weigh interface use the standard round weighing pan or use a mechanical user-designed device top side or under floor.
- All four components should be integrated in a housing that complies with the local legal recommendations

Model WZ...	215-CW	
Capacity	80 g	210 g
Readability	0.01 mg	0.1 mg



WZ215-CW
Dimensions in mm



Technical Data

Model	WZ215-CW	
Capacity	80 g	210 g
Readability	0.01 mg	0.1 mg
Preload max. ¹⁾	10 g	
Repeatability (standard deviation) ²⁾	≤± 0.02 mg	≤± 0.1 mg
Linearity	≤± 0.03 mg	≤± 0.2 mg
Measuring time ^{2) 3)}	12 s	3 s / ± 1 mg
Operating temperature range	+10 +30 °C	
Allowable temperature range	+5 +40 °C	
Weigh cell dimensions	220 x 160 x 56 mm (base plate x height)	
Electronic PCB box dimensions	133.5 x 53 x 52.5 mm (base x height)	
Display PCB dimensions	187 x 86 x 26 mm (base x height)	
Digital PCB dimensions	159 x 74 x 20 mm (base x height)	
Weighing pan	80 mm Ø	
Under floor load receptor	M3 thread	
Power supply unit STNG6	230/ 115 V _{AC} , +15%...-20% / 48-60 Hz	
Power supply (alternative)	on request	
Power consumption	16 VA maximum; 8 average	
Interface	RS232C software/ hardware handshake	

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- 1) the preload has to be specified before/ together with the order; 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.

Specifications are subject to change without notice.

Current status: December 2009
Version: 1.0