

General information

PWS220260619

The CC3 Compression Load Cell has been designed to meet the requirements of a wide range of industrial weighing applications, it has excellent accuracy and robustness thanks to the stainless steel construction, which guarantees maximum resistance to impacts and overloads. The CC3 load cell can be customized and the user can decide whether to include some options, such as high-temperature version and ATEX or EAC certified versions or not.



Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

Weight Transmitter [UWT 6008](#)

Weight Transmitter [DAT 1400](#)

Mounting kits [DE MOUNTING KIT](#)

Tester 1008 [TESTER 1008](#)

Junction Box [CGS4-C](#)

Double Shear Beam Load Cell [DDR](#)

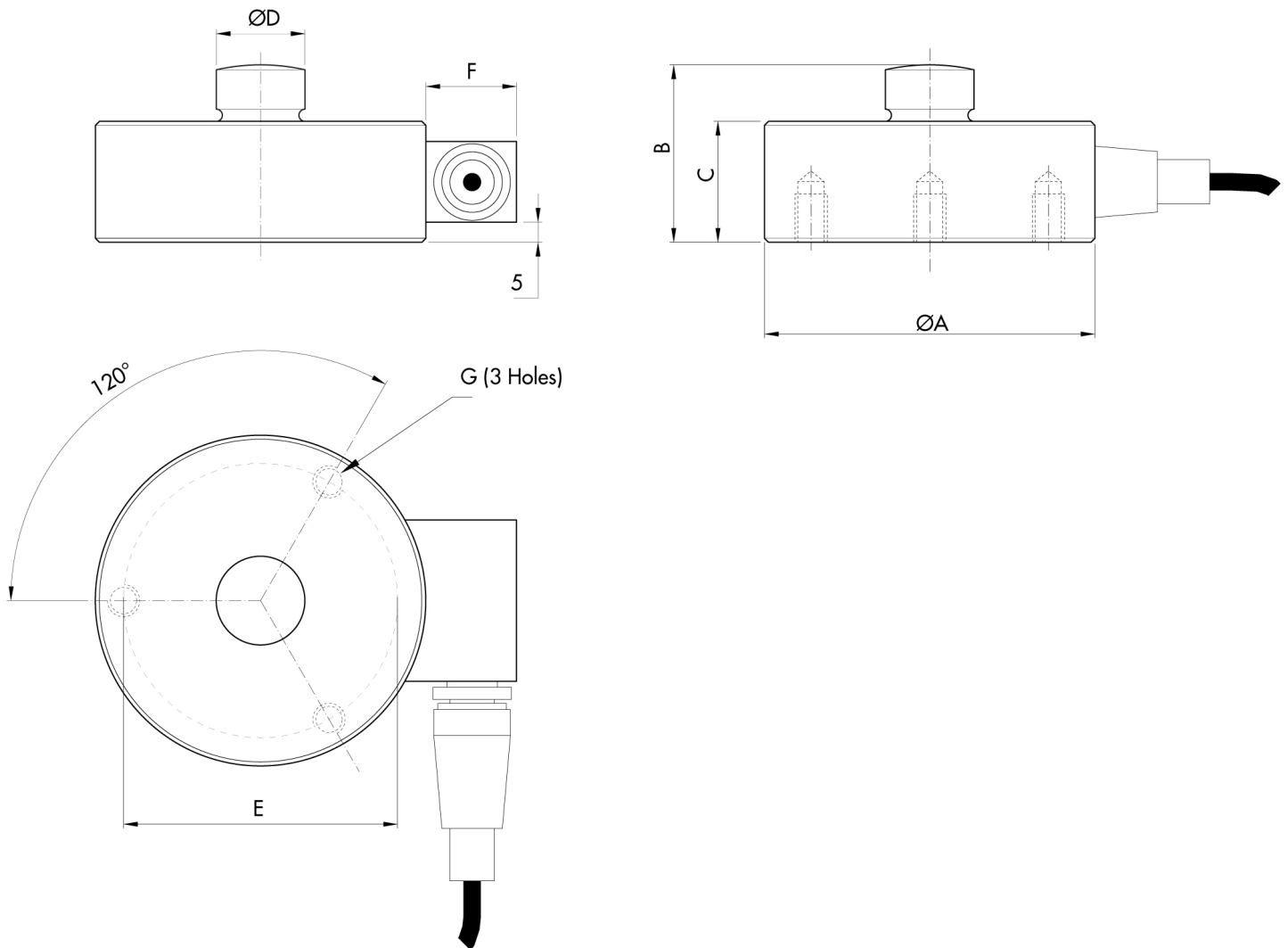
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Technical specifications

PWS220260619

| | |
|--|---|
| Rated Load (RL): | 0.25 ÷ 10, 15, 20, 25, 35, 50, 100, 200 t |
| Combined error: | < ± 0.05 % RO |
| Repeatability: | < ±0.03 % RO |
| Creep (20 minutes): | ±0.03 % RO |
| Safe overload: | 150 % RL |
| Ultimate overload: | 300 % RL |
| Material: | Stainless steel |
| Degree of protection: | IP68 |
| Compensated Temperature: | -10 ÷ +40 °C |
| Temperature range: | -20 ÷ +70 °C |
| Temperature effect on zero balance: | 0.003 % RL/°C |
| Temperature effect on output: | 0.002 % output/°C |
| Rated output RO: | 2 mV/V ±0.1 % |
| Zero balance: | < ± 1 % RO |
| Insulation resistance: | > 2000 MOhm |
| Input resistance: | 700 ÷ 710 Ohm |
| Output resistance: | 700 ÷ 705 Ohm |
| Recommended input: | 5 ÷ 15 Vdc/Vac |

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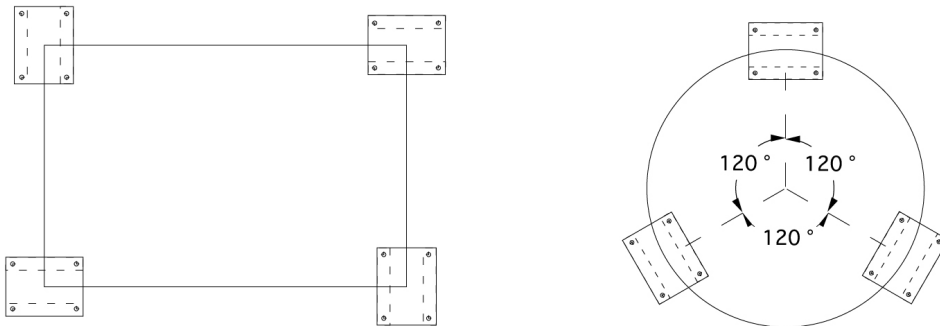
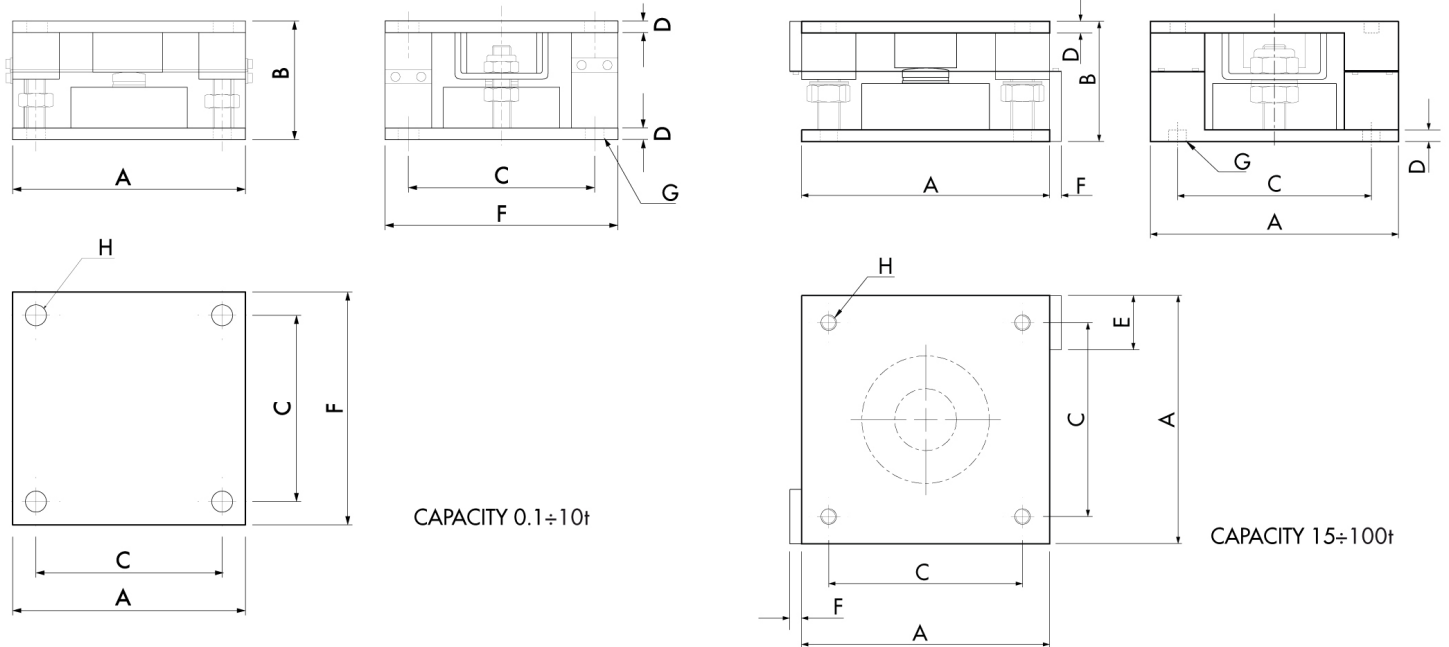


| CAPACITY | ØA | B | C | ØD | ØE | F | G |
|----------|-----|----|----|----|-----|----|--------|
| 0.1÷10t | 82 | 44 | 32 | 22 | 70 | 22 | M8x15 |
| 15÷25t | 100 | 48 | 35 | 28 | 80 | 22 | M10x15 |
| 35t | 126 | 54 | 40 | 35 | 105 | 22 | M12x20 |
| 50÷100t | 160 | 85 | 60 | 60 | 130 | 25 | M16x20 |

Electrical Connections

| | |
|-------------|--------------|
| +Excitation | Red |
| -Excitation | Black |
| +Signal | Green |
| -Signal | White |
| Shield | Cable Shield |

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| CAPACITY | A | B | C | D | E | F | G | H |
|----------|-----|-----|-----|------|----|-----|----|-----|
| 0.1÷10t | 175 | 95 | 115 | 10 | - | 150 | 14 | M12 |
| 15÷25t | 200 | 102 | 160 | 10 | 35 | 12 | 17 | M12 |
| 35t | 250 | 132 | 185 | 12.5 | 61 | 12 | 20 | M18 |
| 50÷100t | 320 | 155 | 250 | 15 | 70 | 15 | 23 | M20 |

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