

Spring Loaded Compensator 100 litres

A part of Envirex Compensator Series



Features

- Solid and reliable design
- Facilitates system over-pressure
- Analog fluid level sensor

Typical applications

- Subsea HPU systems
- Subsea Reservoir
- Chemical injection
- Subsea RWOCS system
- Subsea excavators
- Trenchers

Specifications

Spring Loaded Compensator 100 litres

General technical specifications

Type	Spring Loaded Compensator 100 litres
Part number	2208581
Compensation volume	101,5 l
Depth rating	3000 msw, deeper on request
Weight stainless SS316 (in air / submerged) [kg]	140/80*
Weight aluminium (in air / submerged) [kg]	100/40*
	*Weight is without fluid
Operating temperature	-4°C/ + 40°C (24,8°F / 104°F)
Store temperature	-18°C/ +40°C (0,4°F / 104°F)
Dimensions (Ø x L)	Ø420 x 1 365mm (mounting plate 410 x 410)
TRL Level	Level 7

Hydraulic data

Min. compensation pressure	0,1 Bar - +/-0,05
Max. compensation pressure	0,6 Bar - +/-0,05
Max. working pressure	5 Bar*
Fluid compatibility	HFC fluids / Mineral Oil
Hydraulic connections	4 x 1" BSP 4 x ½" BSP 2 x ¼" BSP

*Recommended to use relief valve 1,5 Bar

Electrical data (only applicable if LVDT)

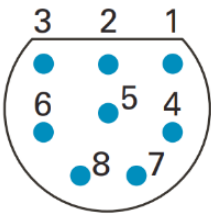
Nominal voltage	20..30VDC
Signal type	4-20mA
Connector	55 series, shell size 15, 8 pins

Pin out*

PWR & COMMS

- Pin 01 – 0VDC
- Pin 02 – 24VDC
- Pin 03 – 4-20mA
- Pin 04 – NC
- Pin 05 – NC
- Pin 06 – NC
- Pin 07 – NC
- Pin 08 – NC

Connector face view



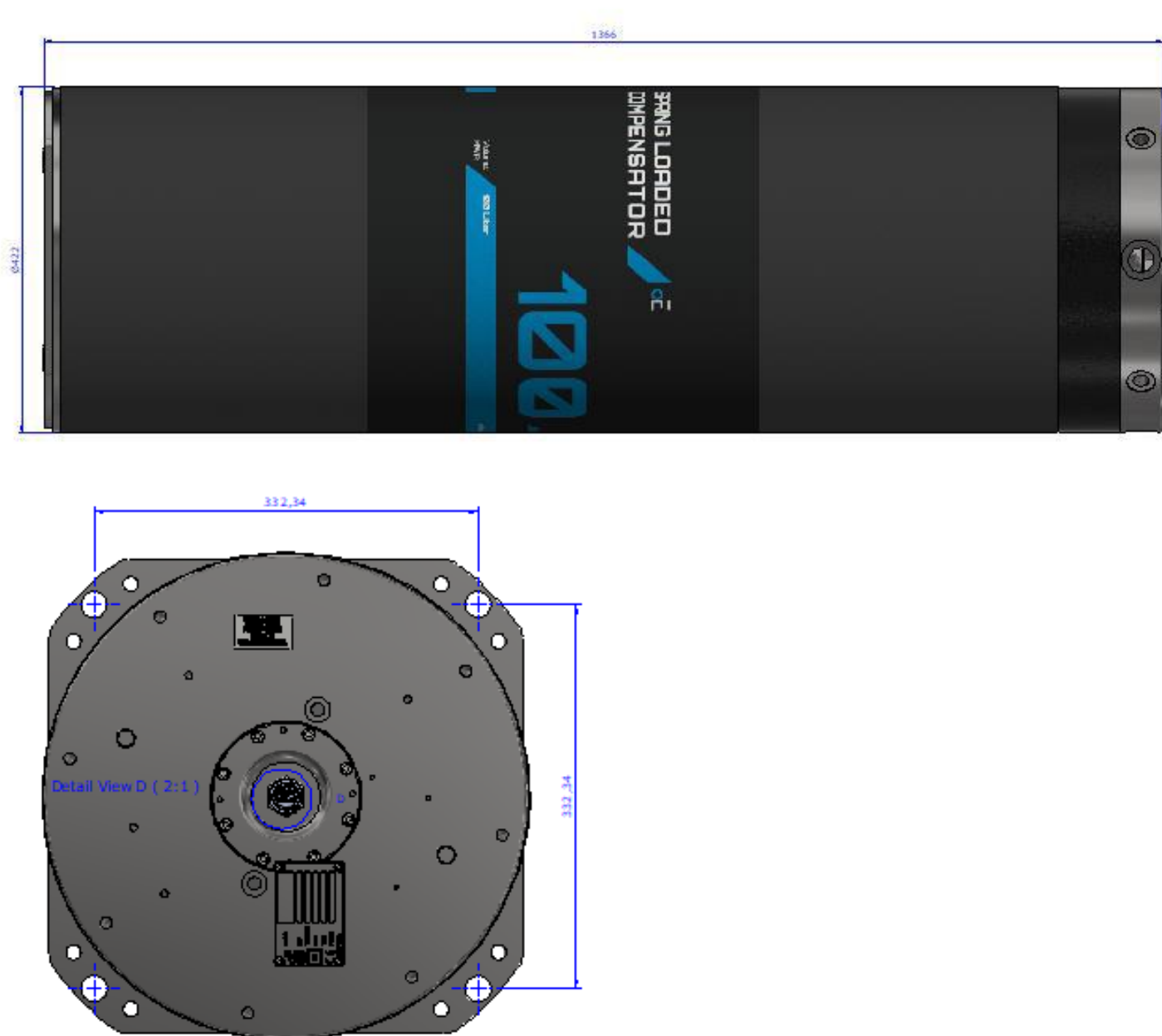
*Others on request

Note: The specification details are illustrative for marketing purposes only.
Actual equipment may be different as a result of product improvement or other reasons.
Specific interface and performance information should be reconfirmed at time of order placement.

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Dimensions



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