



MG-33SCV

DISPLAY SCALE - VALVE MODEL MAGNETIC LEVEL GAUGE

GENERAL FEATURES

Ayvaz MG-33SCV Magnetic Level Indicator is a light designed level indicator used in tanks that do not require pressure strength. It is a convenient and safe device designed to combine the principles of lifting and extracting of electro-magnet. The magnets in the float enable you to follow the liquid change level with the help of red-white coloured flaps placed on the outer wall. With the help of valves, it provides installation and repair without discharge the tank. Easy to read height with display scale.

Advantages

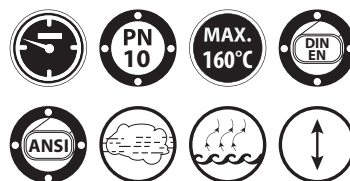
- Continuous and easy monitoring
- Sealing construction
- Requested length and connection manufacturing
- Ability to work in different densities
- Manufacturing according to various installation types
- Long life time • Easy maintenance • Lightweight

Application Areas

- All steam and hot water boilers
- Waste water systems
- Filling and unloading containers
- All chemical and petrochemical tanks
- Tanks for petroleum and petroleum products
- Oil boilers
- Diesel fuel tanks and generator sets
- Submarine, helicopter and ship fuel tanks

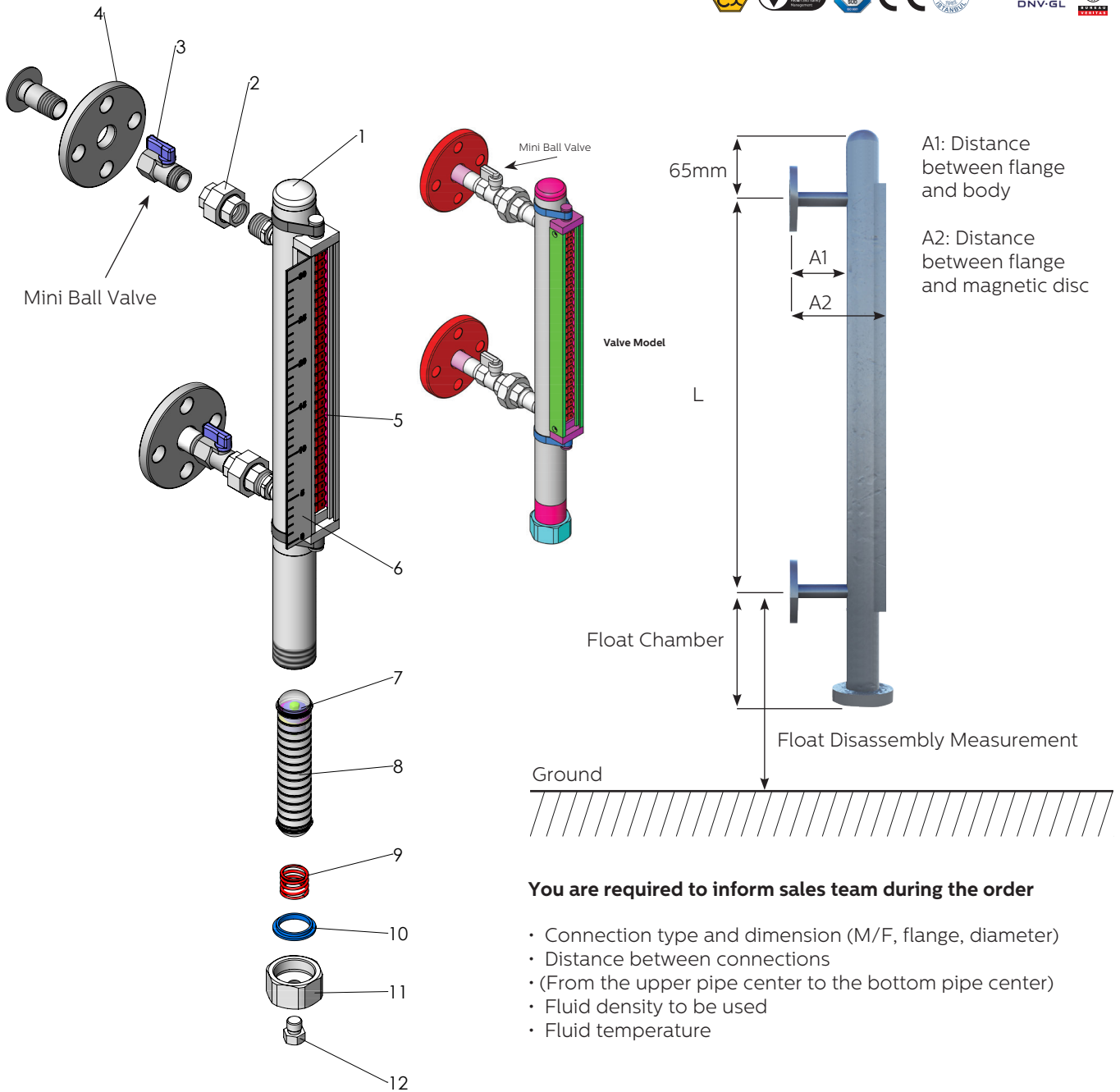
PRODUCT FEATURES

| | |
|---------------------------|--|
| Body | : AISI 304 /316 Stainless Steel |
| Float | : AISI 316L Stainless Steel |
| Magnetic Disc | : Aluminium |
| Flap | : Plastic / Aluminum |
| Connection | : Flange, M/F, Union |
| Flange Type | : DIN, ANSI, JIS |
| Flange Material | : Carbon Steel St. 37.2, Stainless Steel |
| Max. Working Pres. | : 10 bar |
| Max Working Temp. | : 160 °C |
| Contact | : YES |
| Protection Class | : IP66 |
| Drain Plug | : 3/8" |



* Different size, connection, pressure and applications
Please consult our sales team.

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You are required to inform sales team during the order

- Connection type and dimension (M/F, flange, diameter)
- Distance between connections
- (From the upper pipe center to the bottom pipe center)
- Fluid density to be used
- Fluid temperature

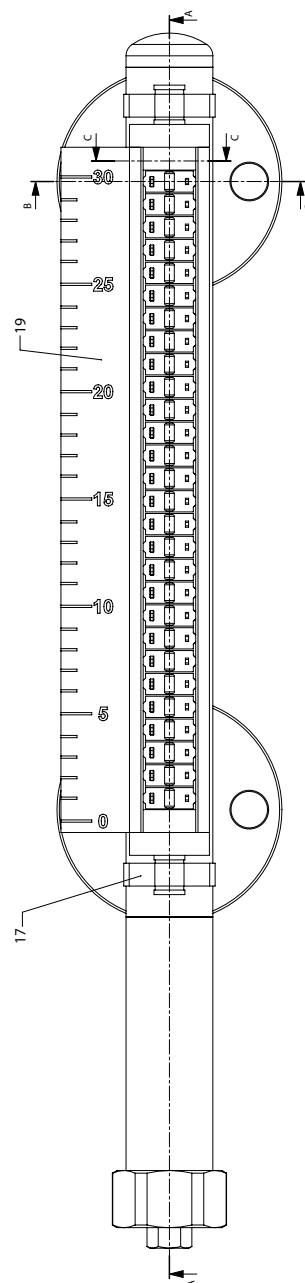
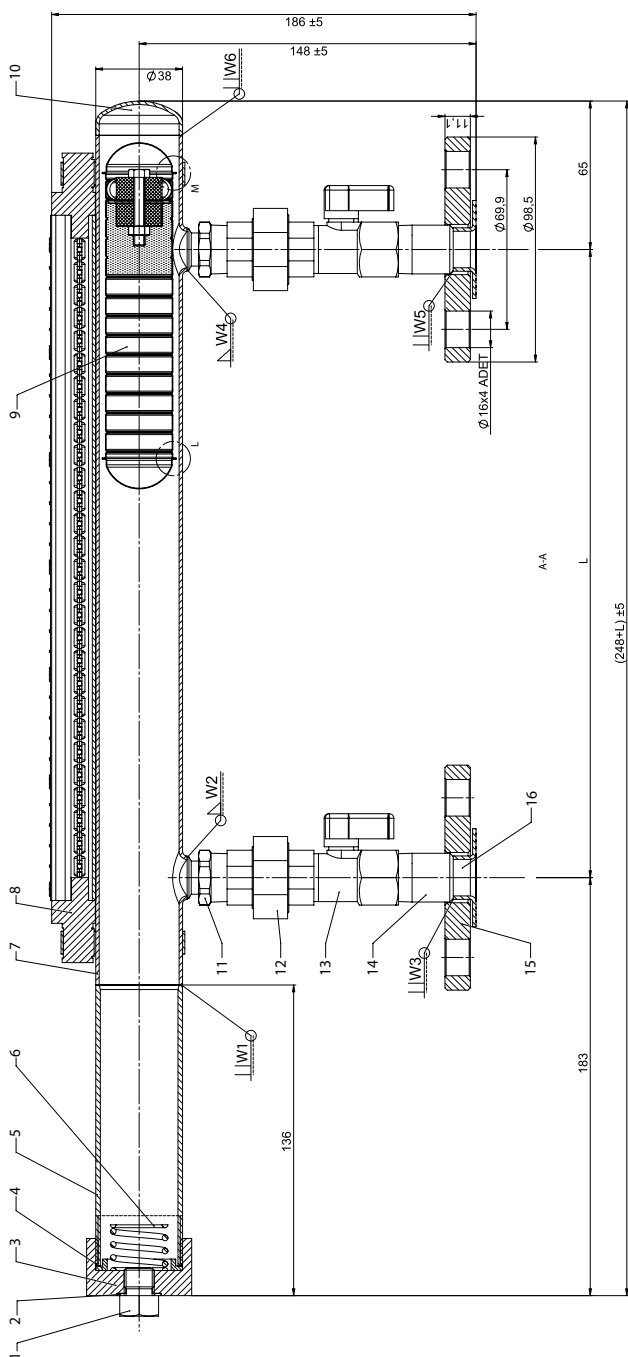
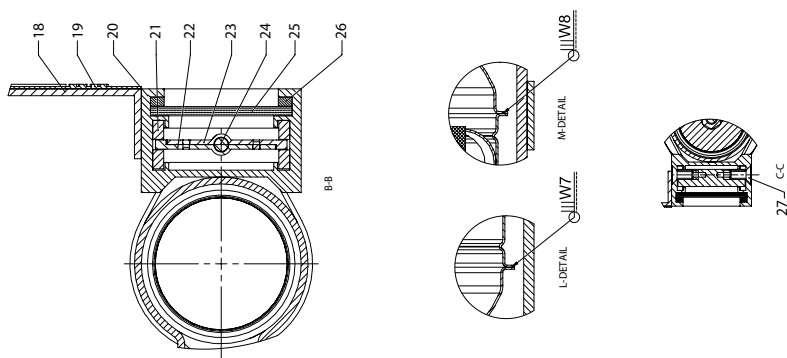
Note:

Magnetic level gauge mounting height from the ground should be the minimum size of float disassembly measurement. If the float fails, it can be easily interrupted. The product can not be mounted if the level gauge is smaller than the float chamber measurement.

| No | Part Name | Material List |
|----|-------------------|--------------------|
| 1 | Body | Stainless Steel |
| 2 | Connection | Stainless Steel |
| 3 | Ball Valve | Stainless Steel |
| 4 | Connection Flange | SS, Carbon Steel |
| 5 | Flaps | Aluminium, Plastic |
| 6 | Display Scale | |
| 7 | Magnetic Disc | Aluminium, |
| 8 | Float | Stainless Steel |
| 9 | Float Spring | Spring Steel |
| 10 | Gasket | Teflon |
| 11 | Nut | Stainless Steel |
| 12 | Stopper | Stainless Steel |

| Fluid Density | Water 1 gr/cm ³ | Diesel 0,88 gr/ cm ³ | Fuel Oil 0,92 gr/ cm ³ | Ammonia 0,65 gr/ cm ³ |
|-----------------------|-------------------------------|---------------------------------------|---|--|
| Float Chamber Meas. | 22,5 cm | 22,5 cm | 22,5 cm | 30 cm |
| Float Dissambly Meas. | 42 cm | 44 cm | 45 cm | 60 cm |

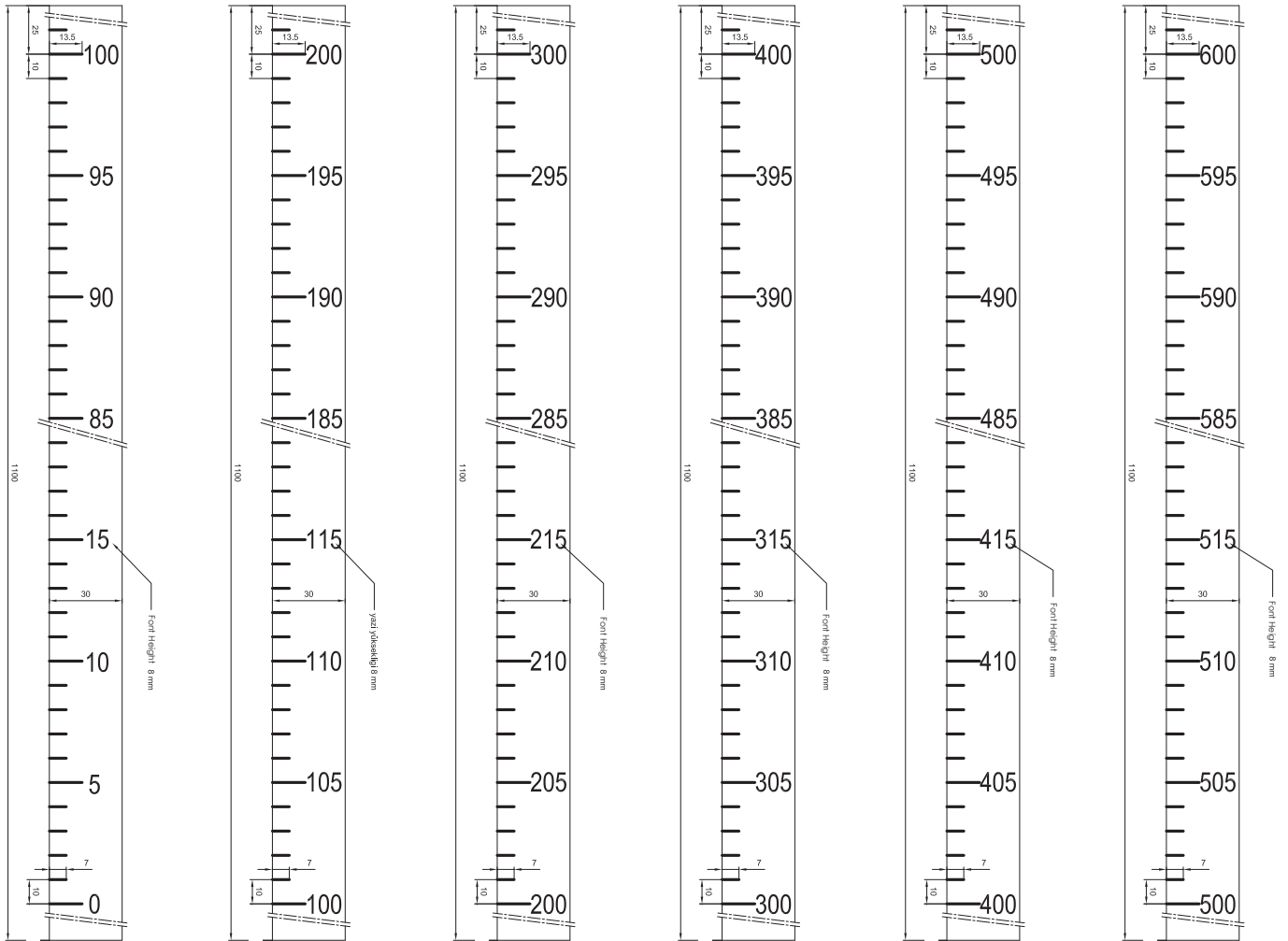
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DISPLAY SCALE



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