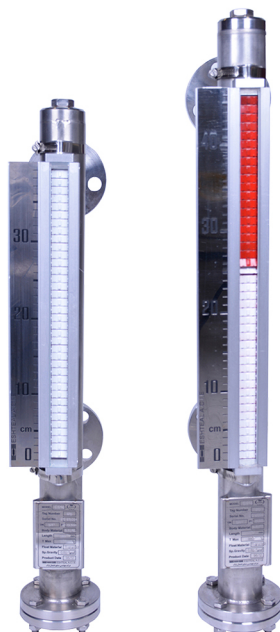


Eshteal Arak Industrial Engineering Company is the only manufacturer of high-capacity rotary cup burners in the country, and these burners are used by all boiler companies in the country. Among the unique products produced by this company are power valves that are designed for saturated and superheated steam lines. This product was produced for the first time in the country in 2014 in the Mobarake steel complex and at a pressure of 70 bar It has been used successfully Eshteal Arak Industrial Engineering Company has been modernizing its production lines since 2003 and is currently equipped with more than 98 machines, 61 of which are CNC lathes and milling centers (referred to at the end), stepped into the field of producing products with modern sophisticated technology It should be mentioned that this company has succeeded in obtaining the knowledge-based badge on burners and valves during two consecutive periods, and in order to enhance the brand and satisfy customers, the necessary standards such as ISIRI 7595, ISIRI 7594, ISO 3834, ISO 9001:2015 and implemented 5S



magnetic level gauges are used for continuous display of the filling level. A magnetic float transmits the level to an indicator consisting of magnetic rollers or flaps. Accessories such as magnetic switches can be fitted to the chambers as additional accessories. The body of this surface is made of stainless steel and its floater is made of titanium, which is designed for pressures of 10 bar and 20 bar

Magnetic Liquid Level Gage



ESHTEAL ARAK

INDUSTRIAL ENGINEERING CO.
Manufacturer of burners, valves
and precision tools for steam boilers

☎ 086-34121313-5

☎ 09908136277 (sales)
☎ 09912709038 (after sales)

📠 086-34131217

✉ eshteal.arak@gmail.com
✉ eshteal.commerce@gmail.com

📷 eshtealarak

📍 Factory: Hadid St-Haji Abad Industrial Zone 7th km
of Qom Road-Arak-Iran

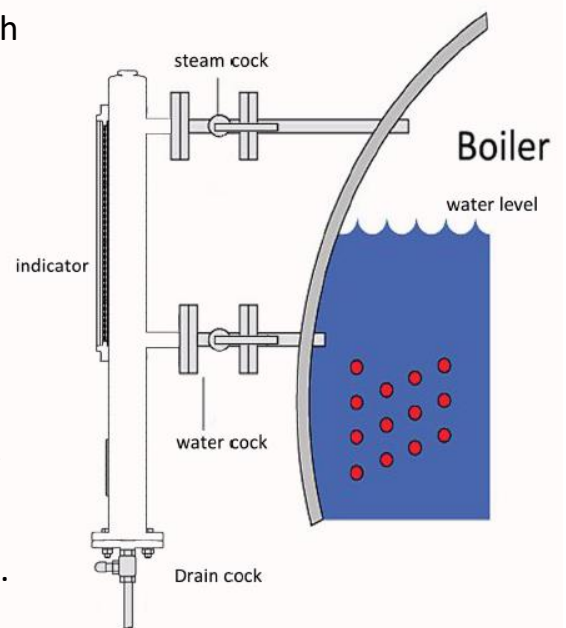
📍 Head office: 4th floor-No.3 Apartment Asef Vaziri
alley southern Bahar St Taleghani St-Tehran-Iran

Magnetic Liquid Level Gauge

Type MLG with BVL Valve

Description

A communicating bypass chamber is flanged to the side of a vessel, and as the liquid level in the tank rises or falls, a float with a built-in magnetic system inside the chamber rises or falls with it. The chamber is completely sealed so that the only moving part of the apparatus in contact with the liquid is the float itself. On the 'dry side' of the chamber is the magnetic Roller Display, a column of magnetic rollers which are white on one side and red on the other. As the float moves up or down the bunched field of the permanent magnet mounted in its top section 'pulls' the rollers through a rotation of 180°, thus changing their color. As the float rises the rollers are turned from white to red, and as the float falls, they are changed back to white again. This means that at any given time the amount of liquid in the tank is constantly represented by a red column without any external power supply. As options the following devices can be attached to a Magnetic Level Sensors to control the level of the liquid.



Float design according to process parameters S.G., pressure and temperature

Applications

The magnetic level gauge is a suitable tool for monitoring the liquid level in a vessel.

Dimensions and pipe connections

Dimensions (approx.) in mm

| Connection Size | A | B | C | H* | D | N | O | P |
|-----------------|-----|-----|-----|------------|-----|---|----|------|
| 3/4" DN20 | 107 | 100 | 235 | 457 or 380 | 115 | 4 | 19 | 82.6 |
| 1" DN25 | | | | | | | | |

* The Dimensions Can Be Changed According To The Installation Conditions.

– Max. Working pressure 20 bar

Connection

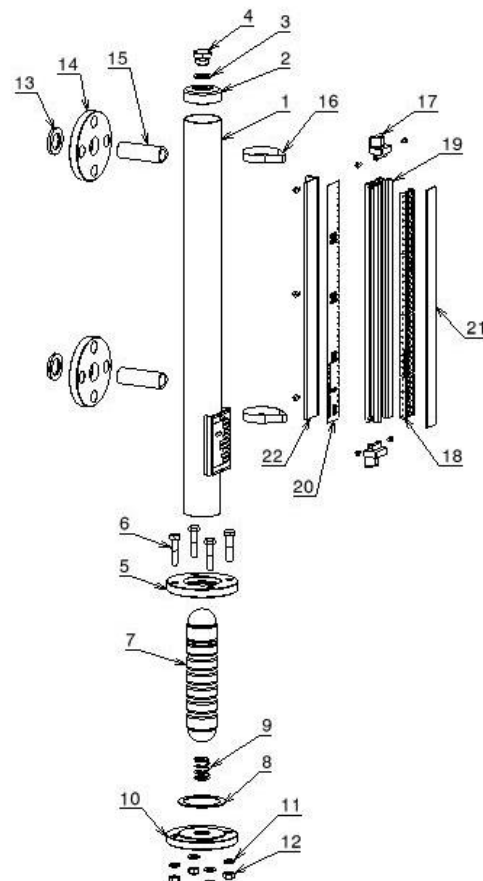
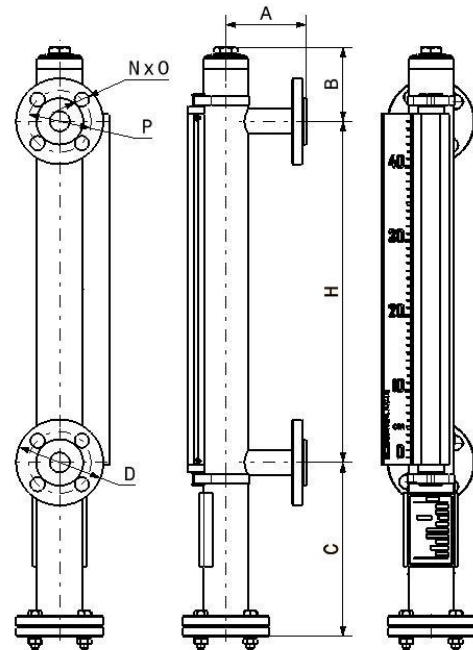
N = No. of holes

O = Dia. of holes

P = Pitch circle dia.

Material

| Item | Part name | Material |
|------|-----------------|------------------|
| 1 | Body | Stainless steel |
| 2 | Bonnet | Stainless steel |
| 3 | Washer | Steel |
| 4 | Screw | Stainless steel |
| 5 | Drain flange 2 | Stainless steel |
| 6 | Screw | Steel |
| 7 | Floater | Stainless steel |
| 8 | Gasket | Compressed fiber |
| 9 | Spring | Stainless steel |
| 10 | Drain flange 1 | Stainless steel |
| 11 | Spring washer | Steel |
| 12 | Nut | Steel |
| 13 | Washer | Stainless steel |
| 14 | Connection | Stainless steel |
| 15 | Pipe | Stainless steel |
| 16 | Clamp band | Stainless steel |
| 17 | Profile support | Aluminum |
| 18 | Flag | Aluminum |
| 19 | Profile 1 | Aluminum |
| 20 | Line gauge | Stainless steel |
| 21 | Glass | Glass |
| 22 | Profile 2 | Aluminum |



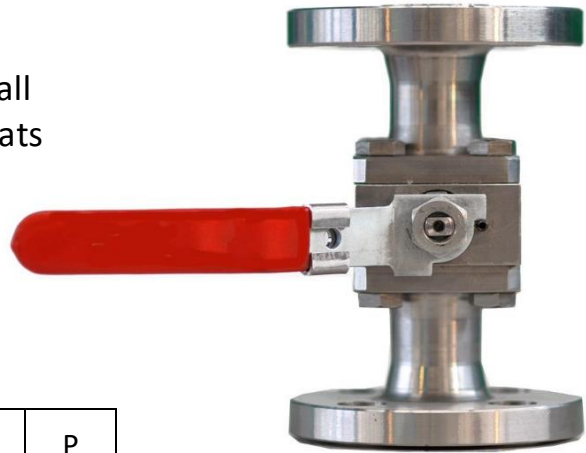
Ball Valve

Type BVL

Construction

Three Pieces Bolted Construction-Solid Ball
Anti-Blow Out Proof Stem Design-Soft Seats

Temperature: Up to +260°C



Dimensions and pipe connections

Dimensions (approx.) in mm

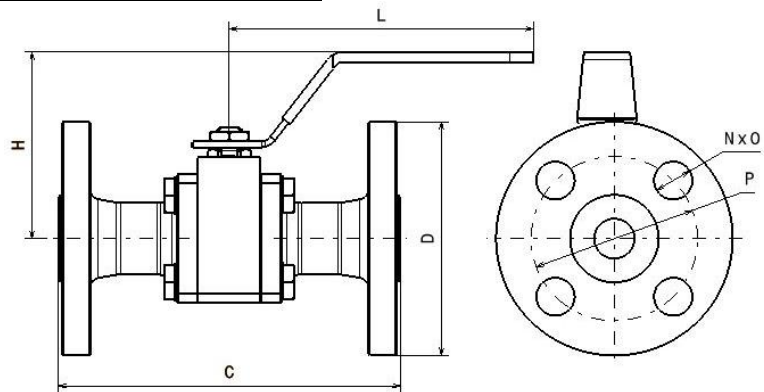
| Size | L | C | H | D | N | O | P |
|-----------|-----|-----|----|-----|---|----|------|
| 3/4" DN20 | 170 | 170 | 90 | 117 | 4 | 19 | 82.6 |

Inlet and Outlet flange

N = No. of holes

O = Dia. of holes

P = Pitch circle dia.



Material

| Item | Part Name | Material |
|------|---------------|-----------------|
| 1 | Flange | Stainless Steel |
| 2 | Body | Stainless Steel |
| 3 | Ball | Stainless Steel |
| 4 | Spindle | Stainless Steel |
| 5 | Lever | Stainless Steel |
| 6 | Lever Cover | - |
| 7 | Hexagon Screw | - |
| 8 | Hexagon Nut | Stainless Steel |
| 9 | Lock Nut | Stainless Steel |
| 10 | Washer | Stainless Steel |
| 11 | Washer | Stainless Steel |
| 12 | Packing | PTFE |
| 13 | Gasket | PTFE |
| 14 | Gasket | Viton |
| 15 | Packing | PTFE |
| 16 | Seat | PTFE |
| 17 | Pine | Stainless Steel |

