



### Working Principle & Operation

It works on the principle of buoyancy, consists of aluminum scale Board, which are mounted on the side of the tank with brackets. As the liquid rises in the tank, float in the tank also rise up, in turn moving the pointer on the scale. The float is connected to the pointer with wire rope which glides over almost frictionless nylon rollers, thereby ensuring a trouble free operation. Float & Board level Indicator-Mechanical level indicator are widely used for oil tanks, large Acid tanks where in there is not much of pressure i.e. non pressurized tanks based on simple rope and Float principle.

### Special Features

- Dust-proof pulley housing
- Guided & unguided construction available
- Polypropylene construction for chemical applications
- Sleek float with large diameter for higher accuracy

### Applications

- Over ground / overhead storage tanks
- Water / DM water storage tanks
- Storage tanks for oil & petroleum products
- All non-hazardous & non-pressurized tanks

### Specifications

#### Standard Version :

Float material	:	AISI 316 SS
Board scale	:	6" Wide, 1 meter long in "C" Section
Material of board	:	Aluminum with Powder Coated
Pointer cradle	:	Carbon Steel Pointer with 6 Nylon Rollers for Frictionless gliding on.
Range	:	1500 to 20000 mm
Least count	:	5 mm
Rope	:	AISI 316 SS
Pulley housing	:	Dust proof Aluminum
Connecting pipe	:	Carbon Steel Powder Coated
Max Operating pressure of float	:	5 kg/cm <sup>2</sup>
	:	100°C
	:	0.75

How To Order		Example
<b>Basic Model</b>		LH
<b>Construction Type</b>		
<b>G</b> Guided	<b>U</b> Unguided (Standard)*	X
* Available range up to 5000 mm		
<b>Material Of Process Connection</b>		
<b>C</b> Carbon Steel (Standard)	<b>S</b> AISI 304 SS <b>T</b> AISI 316 SS	X
<b>Process Connection</b> Flanged Connections(As per ANSI B 16.5)		
<b>B09</b> 1/2" 150# RF	<b>B21</b> 1" 150# RF (Standard)	XXX
<b>B10</b> 1/2" 300# RF	<b>B22</b> 1" 300# RF	
<b>B11</b> 1/2" 600# RF	<b>B23</b> 1" 600# RF	
<b>B15</b> 3/4" 150# RF	<b>B33</b> 1 1/2" 150# RF	
<b>B16</b> 3/4" 300# RF	<b>B34</b> 1 1/2" 300# RF	
<b>B17</b> 3/4" 600# RF	<b>B35</b> 1 1/2" 600# RF	
<b>B39</b> 2" 150# RF	<b>B40</b> 2" 300# RF	
	<b>B41</b> 2" 600# RF	
	<b>B51</b> 3" 150# RF	
	<b>B52</b> 3" 300# RF	
	<b>B53</b> 3" 600# RF	
<b>Material Of Float</b>		
<b>S</b> AISI 304 SS	<b>T</b> AISI 316 SS (Standard)	X
<b>L</b> AISI 316L SS	<b>P</b> POLYPROPYLENE	
<b>Range</b>		
Please specify in mm (e.g. Write 2650 for 2650 mm)(This indicator will be supplied from 1500 mm to 20000 mm)		2650 mm
<b>Installation Type</b>		
<b>OG</b> Overground (Standard)		XX
<b>UG</b> Underground		
<b>Options</b>		
For non standard products/optional items, please contact factory for delivery and minimum quantity of order.		
<b>AP</b> Anchor Plate	<b>SP</b> Seal Pot Assembly	XX
<b>Ordering Example : LH . X . X . XXX . X . 2650 mm . XX . XX</b>		
Ordering Information : Specify model no., Liquid, Specific Gravity, Operating Pressure & Operating Temperature.		
Note : Guided construction will be provided with spring tension assembly.		

**Note** : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing.  
 Modifications may take place and materials specified may be replaced by others without prior notice.