

## VALVES

### Ball Float Valves Code 53

Conflow is renowned the world over as the leading supplier of specialist components and systems for dust suppression, fire suppression and all aspects of water control in underground coal Mining.

Today Conflow products can be found operating both on the surface and underground in all the major mining industries, from coal to gold, in more than 30 countries around the world. Furthermore, wherever minerals are moved in bulk – such as quarries, power stations and steel works - Conflow products are helping to reduce the negative impact on the local environment.

At Conflow our aim is to provide you with a comprehensive range of services to meet your individual needs.



#### Description

The **Conflow Code 53** - Ball Float Valve maintains the desired level of fluid in a storage tank.

The opening and closing of the valve is achieved by a lever, which operates a plunger to push a poppet valve off its seat. The lever has a float attached, which rises and falls with the fluid in the tank, thus opening and closing the valve to maintain the level.

The larger valve sizes in this range are "pilot operated", which uses the energy in the supplied water to open and close the valve with only a small amount of force from the float lever. This means large flows and large pressures can be handled for rapid filling of tank systems.

#### Typical Applications

- Used on water and emulsion oil dispensing tanks supplying coal face equipment where the incoming water pressures are high and where tanks need to be filled rapidly

#### Features

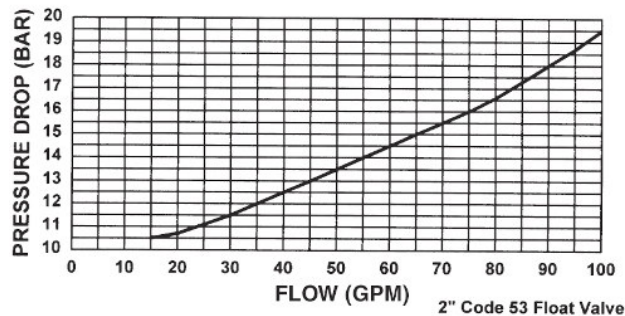
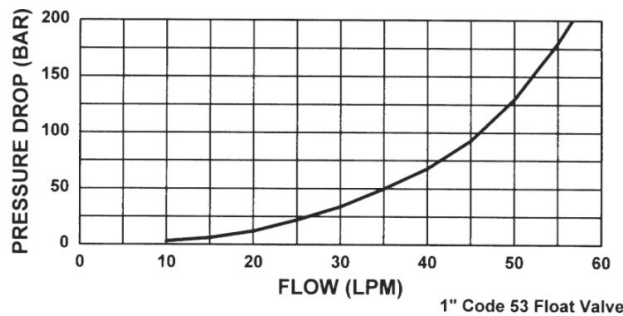
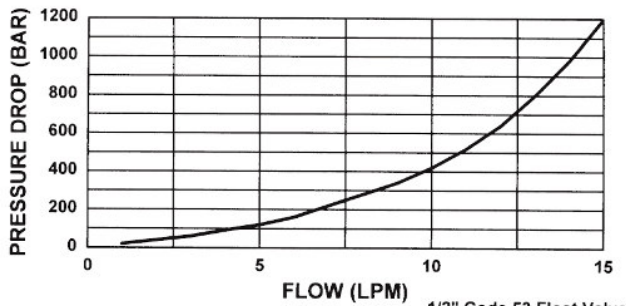
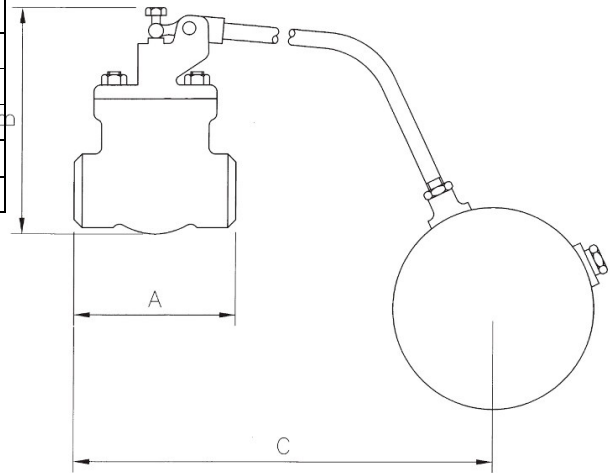
- 1/2" 1" and 2" sizes available
- Maximum working pressure 105 bar
- Suitable for use with high inlet pressures
- Maintains the correct water level in tanks
- Gunmetal cast bodies
- Unit available with Flat Float

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#### Specifications

UNIT SIZE	DIMENSIONS (mm)		
	A	B	C
A	83	113	220
B	110	178	310
C	500	500	500
WEIGHT	1.87 Kg	4.99 Kg	15.42 Kg



The information on this data sheet is accurate to the best of Conflow's knowledge, however we reserve the right to alter the product specification at any time. For any specific updated detail, please contact us.