

# LEVER OPERATED DOUBLE REGULATING VALVE

DM925LW: PN16



## PRESSURE/TEMPERATURE RATING:

16 bar at -10°C to 80°C  
Liquid services

## TEST PRESSURE

24 bar maximum

## END CONNECTIONS

Lugged pattern with metric tapped  
holes in lugs for connection to BS  
4504 PN16 flanges.

## PRE-INSTALLATION

- Remove the plywood protectors from both sides of the valve.

## INSTALLATION

- The DM925LW unit should be installed in a run of pipe of the same nominal size.
- The unit may be installed in any attitude ie., pipeline horizontal, inclined or vertical. The lever handle/hand wheel should be positioned to give convenient and comfortable operation of the butterfly valve and may also be located in any attitude relative to the pipeline ie., on top, at side, inclined or upside down.
- A gasket should not be used as the elastomeric seat of the valve extends beyond the valve faces and provides a leak proof seal with the matching pipe flange faces.



FM311 ISO 9001

- Designed and manufactured under quality management systems in accordance with BS EN ISO 9001-2008

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## VALVE SETTING

### General

Flow regulation is achieved by adjusting the valve setting until the required flow rate is obtained. All valves may be set in an infinite number of positions. The setting at which the required flow is achieved may be retained by means of the adjustable memory stop facility as described below:

### Lever handle operation (Diagram 1)

The valve can be opened to a memory stop by rotating the lever handle (1) up to the stop surface on the indicator plate (2) and allowing the latching lever (7) to engage with the slot on the indicator plate.

The memory stop position can be adjusted from 0° to 90° by slackening the Bolt (3) and nut (4) and rotating the indicator plate via the handle until the required valve opening position is attained, the angle of rotation can be determined by aligning the pointer on the handle with the indicator scale (8), then tighten the bolt and nut firmly. The valve can now be closed and opened to the fixed memory stop by disengaging and engaging the latching lever.

If a permanent locked valve open position is required then this can be achieved by adjusting/tightening the screw (6) against the lever handle (this will keep the latching lever fully engaged with the slot in the indicator plate).

## VALVE OPERATION

With memory stop set, the valve may be closed and reopened to the set point. The safety instructions given in the leaflet are identified by the following symbols:



Indicates a failure to observe the instructions could risk damage to persons and/or property.

### ATTENTION

Indicates a failure to observe the instruction could result in damage to the products.

**DIAGRAM 1**  
**Lever handle with memory stop**  
**Size DN65 – DN150**

Part No.	Description
1	Lever Handle
2	Indicator Plate
3	Hex Head Bolt
4	Hex Nut
5	Lock Washer
6	Socket Head Screw
7	Latching Lever
8	Indicator Scale

