

# spirax sarco

## Dri-Line Mk3 Monnier Compressed Air Drain Trap

### Description

The Monnier Dri-Line Mk3 is an automatic float actuated drain used to drain air line drain legs and filters. It is a normally open valve that is rated for use up to 17 bar g and 80 °C. The valve is held closed by line pressure. The pilot valve is never submerged in water, and its discharge is operated by system air pressure, producing a strong on-off action. The float which is extremely light, can't leak or hold fluid. All parts are corrosion proof. The unit has a manual override to check proper functioning. Discharge is easily piped to remote locations. When the compressed air system is shut down, the valve returns to its normally open condition and water will drain away by gravity.

### Principal features:

- Blast action discharge.
- High discharge capacity.
- Built-in strainer screen.
- Discharge can be piped to drain.
- Black anodised finish - internal and external.

### Sizes and pipe connections

½" screwed BSP (BS 21 - Rp).

### Optional extras

Discharge tube adaptor: to accept 5/16" o/d copper or plastic tube to discharge condensate to drain facility.

### Operating limits

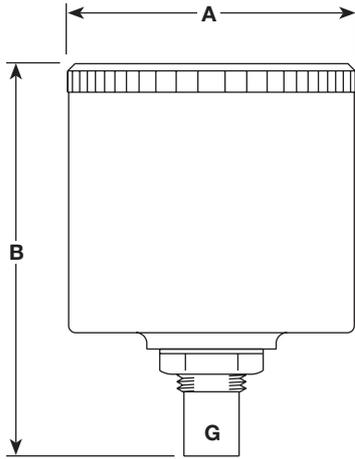
Maximum working pressure	17 bar g
Minimum operating pressure	0.1 bar g
Maximum working temperature	80 °C
Maximum discharge capacity	20 L/h @ 6 bar

### Materials

Part	Material
Body	Anodised aluminium LM25WP
Autodrain mechanism	Acetal plastic / Stainless steel
Strainer screen	0.8 mm perforated 316L
'O' ring	Nitrile



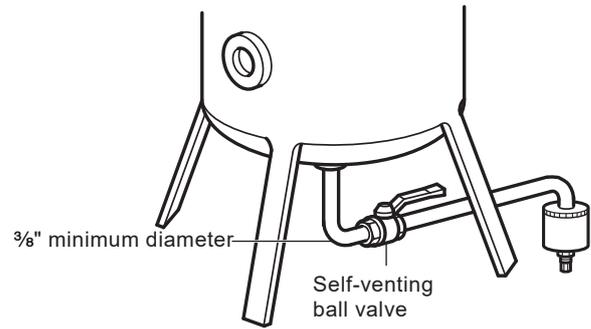
**Dimensions/weights**  
(approximately) in mm and kg



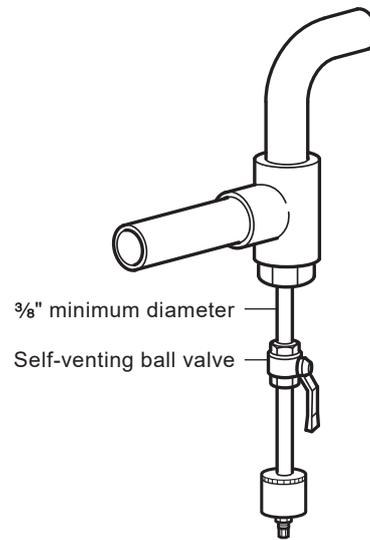
Size	A	B	G	Weight
1/2"	64	81	1/8" NPTF	0.46

**Typical installations**

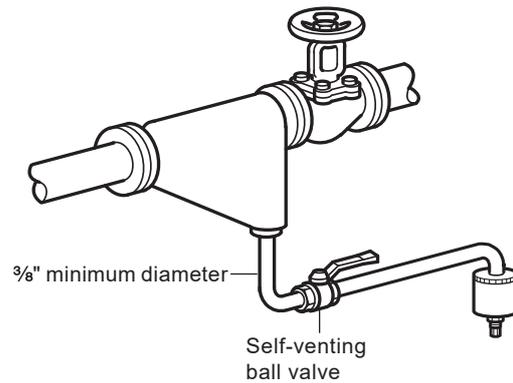
**Dri-Line Mk3 draining a receiver or larger filter**



**Dri-Line Mk3 draining a compressed air main relay point**



**Dri-Line Mk3 draining a separator on a compressed air main**



**How to order**

**Example:** 1 off Dri-Line Mk3 Monnier compressed air drain trap having a female 1/2" screwed BSP (BS 21 - Rp) connection.

**Note:** If any optional extras are required, they must be clearly specified on the order.

## Safety information, installation and maintenance

For full details see the Installation and Maintenance Instructions (IM-P504-24) supplied with the product.

### Installation note:

The Dri-Line should be fitted with the inlet port at the top, so that the float mechanism can rise and fall vertically.

### Spare parts

The spare parts available are detailed below.  
No other parts are supplied as spares.

### Available spares

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Internal autodrain mechanism and strainer cap 'O' ring	<b>A, B</b>
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### How to order spares

Always order spares by using the description given in the column headed 'Available spares', and state the type of trap.

**Example:** 1 - Internal autodrain mechanism and strainer cap 'O' ring for a Dri-Line Mk3 Monnier compressed air drain trap.

