



# MIXING VALVE

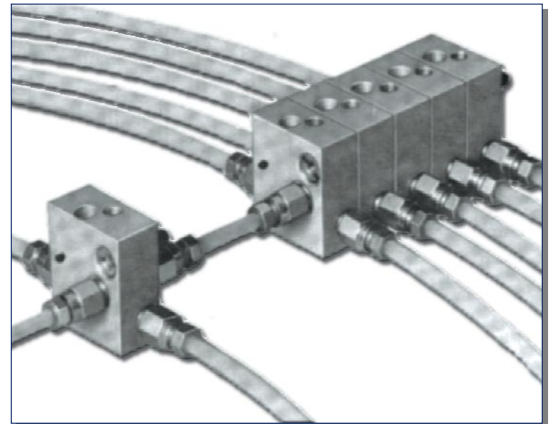
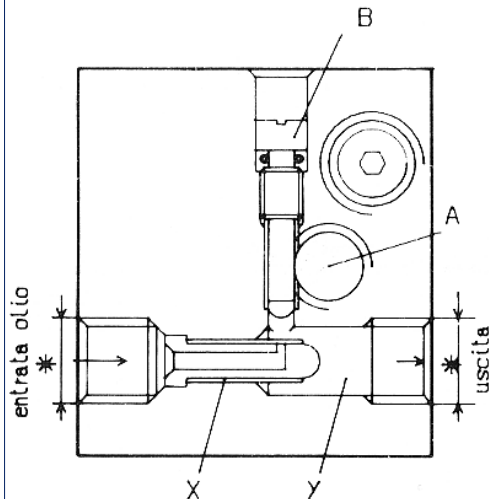
## CHARACTERISTICS

- **LOW COST**
- **MAX OIL VISCOSITY:**  
230 CST A 40°C
- **MAX DELIVERY PER STROKE:** 15 CC
- **MAX DELIVERY FOR CONTINUOUS OPERATION:**  
0.5 L/MIN
- **MIN PRESSURE:** 2 BAR
- **MAX PRESSURE:**  
100 BAR

## MIXING VALVE

This is a very simple inexpensive unit suitable for many spray lubrication problems.

Only the large oil particles mix with air, eliminating the problems of microfog.



### OPERATION:

The lubricant flows through the fitting X and mixes with the air in chamber Y.

The air flow from hole A is controlled by screw B.

To achieve a good mixture the delivery tube must have a minimum length of 1 metre.

The mixing element can be used singly or in groups, each metering element having one hole for wall fixture and a second hole for connecting to another element.

The air consumptions (based on the opening of the adjustment screw and the pressure) are indicated in the graph on page 4.

## TECHNICAL INFORMATION

| Technical Information                 |                |
|---------------------------------------|----------------|
| Max viscosity                         | 230 cSt a 40°C |
| Max delivery per stroke               | 15 cc          |
| Max delivery for continuous operation | 0.5 L/min      |
| Min pressure                          | 2 bar          |
| Max pressure                          | 100 bar        |

## ORDERING INFORMATION

| Descption               | Part number |
|-------------------------|-------------|
| Mixing valve<br>1/8 BSP | 1132250     |
| Mixing valve<br>1/8 NPT | 1132260     |

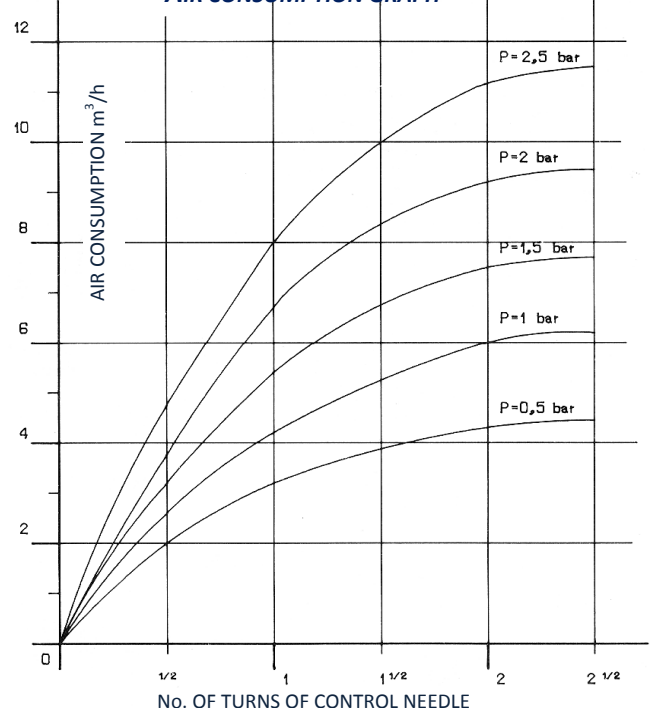
## SPARE PARTS

| Pos. | Description     | Part number |
|------|-----------------|-------------|
| 1    | seal            | 0018802     |
| 2    | Needle          | 1132253     |
| 3    | Valve body      | 1132251     |
| 4    | Tube            | 1132254     |
| 5    | Nozzle          | 1132252     |
| 6    | Cyl. Head screw | 0014085     |
| 7    | Bush            | 1132255     |
| 8    | Gasket          | 0058382     |
| 9    | Pin             | 0016805     |

## APPLICATIONS

- **PROGRESSIVE METERING ELEMENTS**
- **DUAL LINE WITH ADJUSTABLE FLOW RATE**

AIR CONSUMPTION GRAPH



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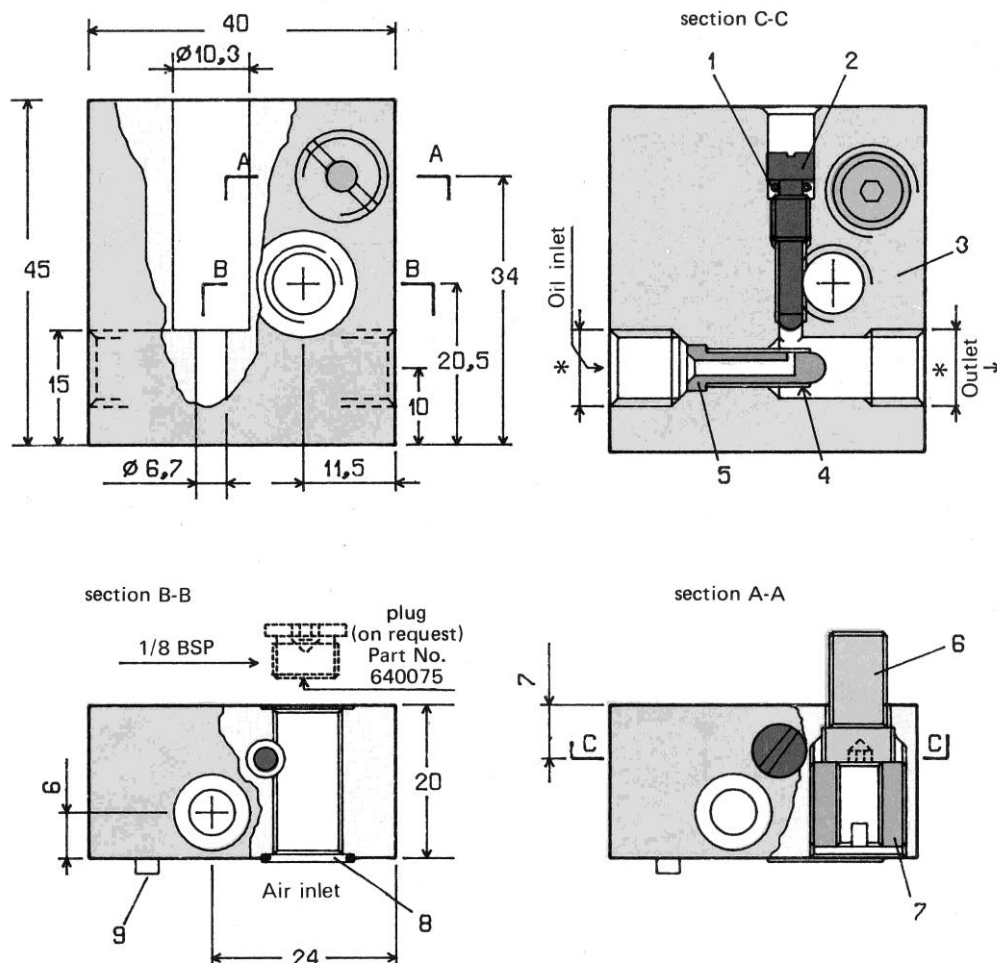
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## DIMENSIONS



## EXAMPLES OF USE:

A number of feed possibilities:

- fig. 1 with continuous or intermittent flow pump
- fig. 2 feed through progressive metering elements
- fig. 3 mixing valve connected to the output of a double line metering element with adjustable flow.
- fig. 4 valves fed by a multiple line lubricator.

The air supply can be connected in parallel to the pump in cases of intermittent lubrication.

