

Metering Valve Model Ilcomatic-3

Description

Ilcomatic-3 metering valves are indicated for applications both in oil and soft grease automatic lubrication systems. They may be assembled both on a single-joint divider or directly on lubricating points.

Flow Diagram

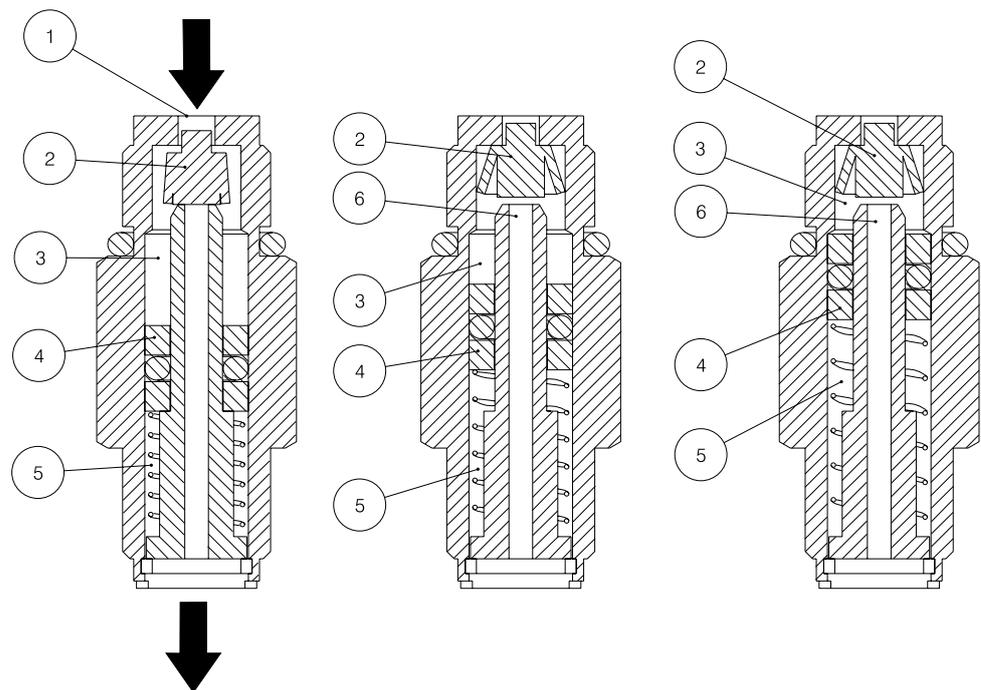


Figure 1

When the pump pumps lubricant under pressure pulls sealing valve (2), allowing so oil entering into vane (3) towards orifice (1). Piston (4) then moves forward to release lubricant previously stored at vane (5).

Figure 2

During relief phase, piston (4) returns to the initial position due to the action of spring. Its movement causes sealing valve (2) to open orifice (6). Lubricant then is transferred from vane (3) to (5).

Figure 3

Now piston (4) has already completed its course and lubricant has been fully transferred from vane (3) to vane (5). Sealing valve (2) has closed orifice (6). System is now ready for a new cycle.