## Mechanically operated valves Series 1 and 3

Series 1: 3/2-way and 5/2-way, ports G1/8 and G1/4

Series 3: 3/2-way and 5/2-way, ports G1/8



These mechanically operated valves have been designed with three different types of actuation:

- plunger
- lever/roller
- unidirectional lever/roller In each case, return is triggered by a mechanical spring.

The 3/2-way monostable valves of Series 3 are normally closed in the rest position when pressure is supplied in 1 and are normally open when pressure is supplied on connection 3, the user port 2 remaining unchanged.

The 5/2-way valves of Series 3 may be supplied via the ports 3 and 5 with two different pressures if a cylinder has to be operated using a delivery pressure which is different from the return pressure.

## **GENERAL DATA**

Construction spool-type (Series 3), poppet-type (Series 1)

Valve group 3/2, 5/2 way/pos.

aluminium body, poppet OT58, stainless steel spool, NBR seals Materials

G1/8, G1/4 Ports Ambient temperature 0°C÷ 60°C Medium temperature 0°C÷ 50°C Operating pressure

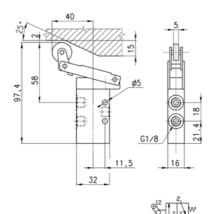
Fluid Filtered air, without lubrication. If lubricated air is used, it is recommended to use ISO VG32 oil.

Once applied the lubrication should never be interrupted.



Valve

Operating pressure =  $-0.9 \div 10$  bar Flow rate = 700 NI/min. Actuating force = 15N



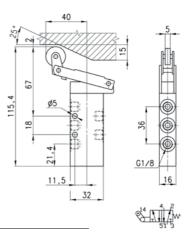
Mod.

338-965



Valve

Operating pressure = -0,9 ÷ 10 bar Flow rate = 700 Nl/min. Actuating force = 16N

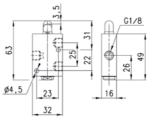


Mod. **358-965** 

Valve



Operating pressure =  $0 \div 10$  bar Flow rate = 500 NI/min. Actuating force at 6 bar = 70N



Mod.

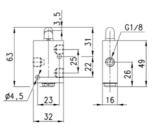
138-945







Operating pressure =  $0 \div 10$  bar Flow rate = 500 NI/min. Actuating force at 6 bar = 70N



Mod. 148-945

