

# Series 3 and 4 mechanically operated sensor valves

3/2 and 5/2-way  
Ports G1/8, G1/4



The particular mechanical device allows these end-stroke valves to operate with very low actuating forces.

Series 3 has been designed with a mechanical lever device which works in negative pressure. To increase sensitivity it is possible to add to the lever a steel extension with  $\varnothing 3$  mm.

## GENERAL DATA

Construction	spool-type (servocontrolled)
Valve group	3/2, 5/2 way/pos.
Materials	aluminium body, stainless steel spool, NBR seals
Ports	G1/8, G1/4
Ambient temperature	0°C ÷ 60°C
Medium temperature	0°C ÷ 50°C
Operating pressure	see models
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.

## CODING EXAMPLE

3	3	8	-	D15	-	9A5
3	SERIES: 3 4					
3	FUNCTION: 3 = 3/2-way NC 4 = 3/2-way NO 5 = 5/2-way					
8	PORTS: 8 = G1/8 4 = G1/4					
D15	ACTUATION: D15 = pressure drop/spring 015 = pressure/spring 011 = pressure/pressure					
9A5	DEVICES: 9A5 = lever sensor, spring return 194 = plunger sensor, spring return 294 = plunger sensor, bistable 195 = lever/roller, spring return 295 = lever/roller, bistable					

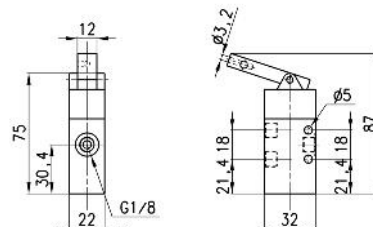
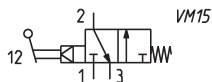
## Valve

Operating pressure = 4 ÷ 10 bar.

Flow rate = 700 NI/min.

Actuating force at 6 bar = 2N

The function of the valve is indicated by the symbol when operating between 4 and 10 bar.



Mod.

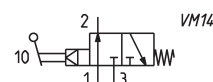
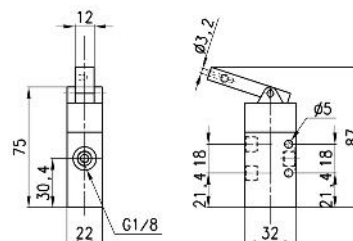
338-D15-9A5



## Valve

Operating pressure =  $4 \div 10$  bar  
Flow rate = 700 Nl/min  
Actuating force at 6 bar = 2N

The function of the valve is indicated by the symbol when operating between 4 and 10 bar.



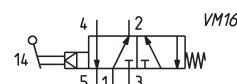
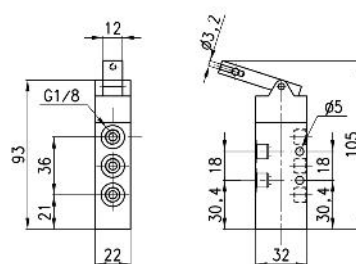
Mod.

**348-D15-9A5**


## Valve

Operating pressure =  $4 \div 10$  bar  
Flow rate = 700 Nl/min  
Actuating force at 6 bar = 2N

The function of the valve is indicated by the symbol when operating between 4 and 10 bar.

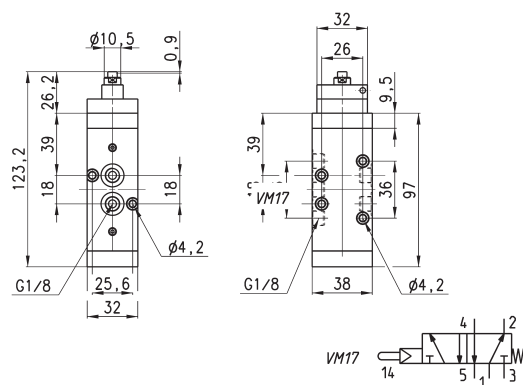


Mod.

**358-D15-9A5**

## Valve

Operating pressure =  $2.5 \div 8$  bar  
 Flow rate = 650 NI/min.  
 Actuating force at 6 bar = 6 N

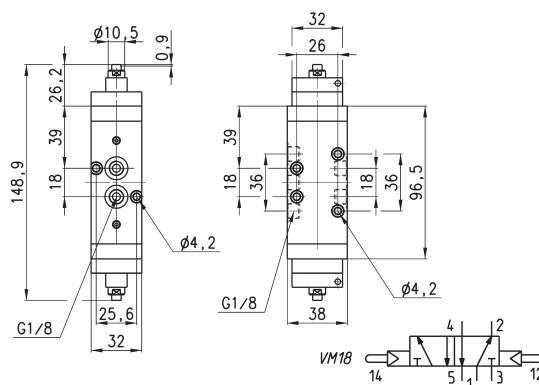


Mod.

458-015-194

## Valve

Operating pressure =  $2 \div 8$  bar  
 Flow rate = 650 NI/min  
 Actuating force at 6 bar = 6 N

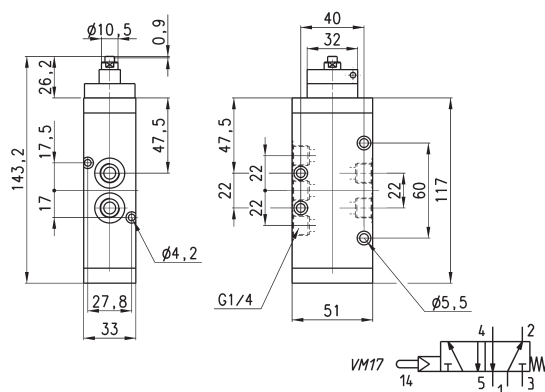


Mod.

458-011-294

## Valve

Operating pressure =  $2.5 \div 8$  bar  
 Flow rate = 1250 NI/min  
 Actuating force at 6 bar = 6 N

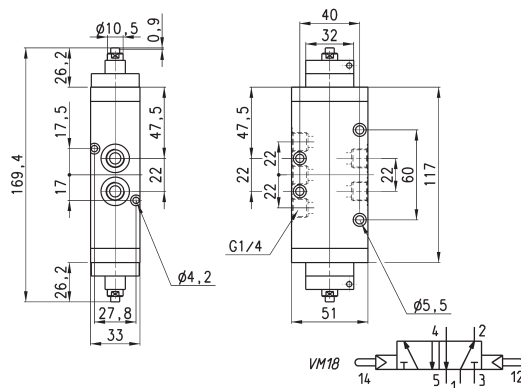


Mod.

454-015-194

## Valve

Operating pressure:  $2 \div 8$  bar  
 Flow rate = 1250 NI/min  
 Actuating force at 6 bar = 6 N



DIMENSIONS

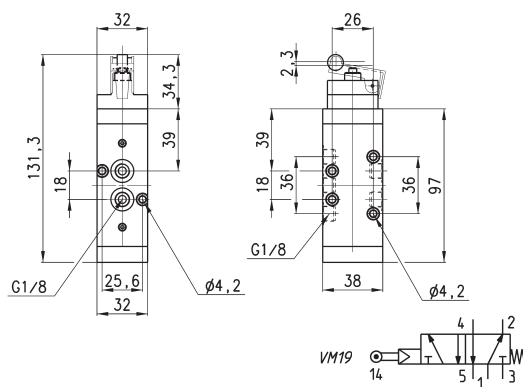
Mod.

454-011-294



## Valve

Operating pressure = 2.5 ÷ 8 bar  
Flow rate = 650 NI/min  
Actuating force at 6 bar = 4 N

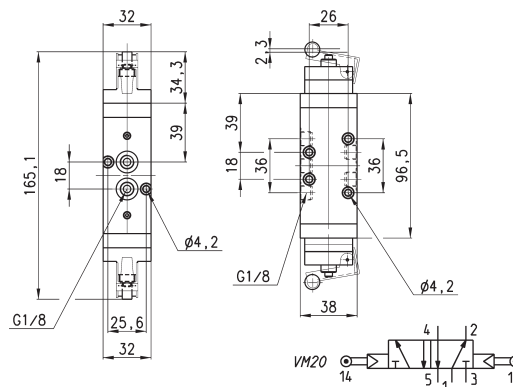


Mod.  
458-015-195



## Valve

Operating pressure = 2 ÷ 8 bar  
Flow rate = 650 NI/min  
Actuating force at 6 bar = 4 N

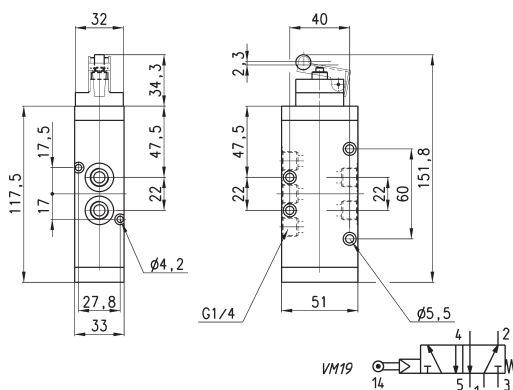


DIMENSIONS  
Mod.  
458-011-295



## Valve

Operating pressure = 2.5 ÷ 8 bar  
Flow rate = 1250 NI/min.  
Actuating force at 6 bar = 4 N

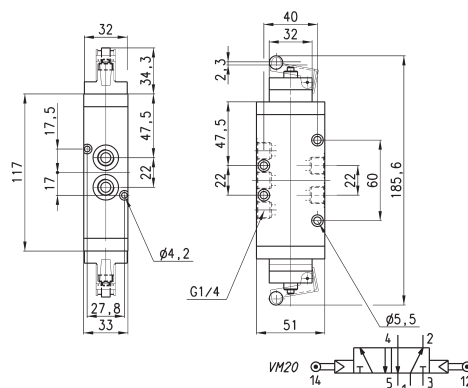


Mod.  
454-015-195



## Valve

Operating pressure = 2 ÷ 8 bar  
Flow rate = 1250 NI/min  
Actuating force at 6 bar = 4 N



Mod.  
454-011-295