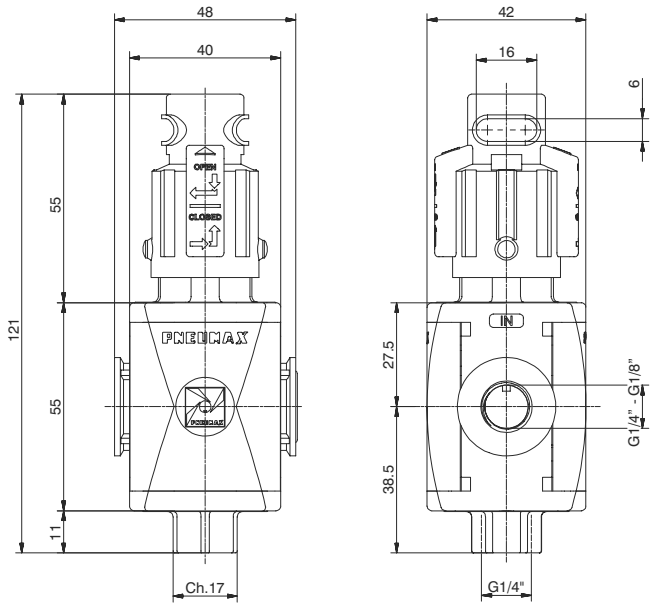
Shut-off valve (VL)



Example: T171BVL : size 1, Shut-off valve with Technopolymer threads, G1/4" connections

3

Operational characteristics

- Manual operated 3 ways poppet valve.
- Double handle action for valve opening: pushing and rotating (clockwise).
- The valve can be closed and the down stream circuit depressurized by rotating anticlockwise the knob.
- Knob lockable with three padlocks.

Technical characteristics

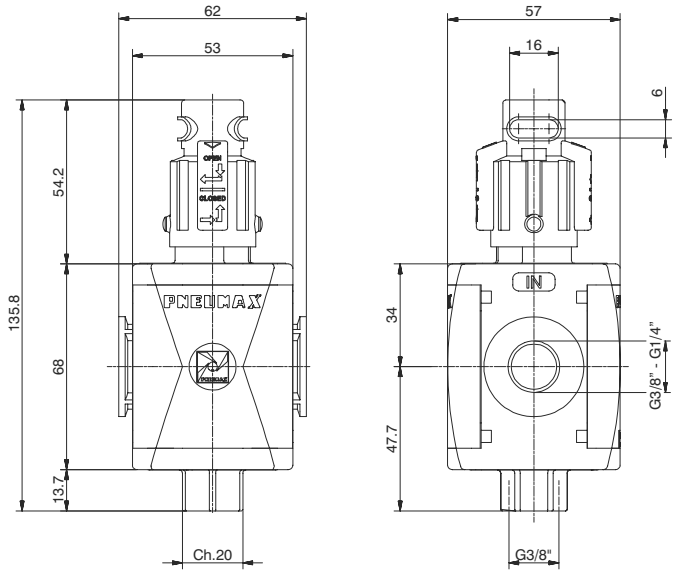
Connections	G 1/8" - G 1/4"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 100
Weight with threaded inserts	gr. 110
Assembly positions	Indifferent
Handle opening and closing angle	90°
Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm
Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm
Nominal flow at 6 bar with Δp=1	1400 Nl/min.
Exhaust nominal flowrate at 6 bar with Δp=1	550 Nl/min.

Ordering code

Ⓥ171ⒸVL

Ⓥ	VERSION
	N = Metal inserts
	T = Technopolymer thread
Ⓒ	CONNECTIONS
	A = G1/8" (only for "N" version)
	B = G1/4"
	C = G1/4" NPT (only for "N" version)

Shut-off valve (VL)

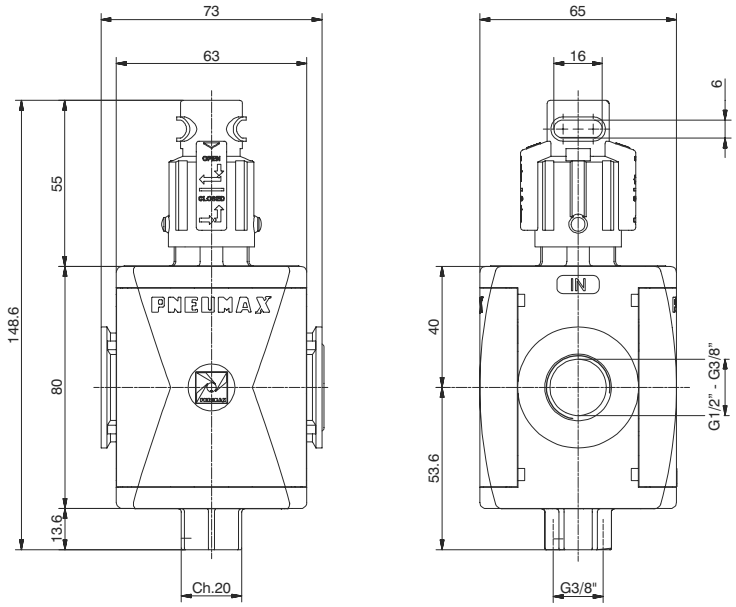


Example: T172BVL : size 2, Shut-off valve with Technopolymer threads, G3/8" connections

3

Operational characteristics	Technical characteristics		
- Manual operated 3 ways poppet valve. - Double handle action for valve opening: pushing and rotating (clockwise). - The valve can be closed and the down stream circuit depressurized by rotating anticlockwise the knob. - Knob lockable with three padlocks.	Connections	G 1/4" - G 3/8"	Ordering code
	Max. inlet pressure	13 bar	**Ⓥ172Ⓒ VL**
	Working temperature	-5°C +50°C	
	Weight with Technopolymer threads	gr. 180	Ⓥ VERSION N = Metal inserts T = Technopolymer thread
	Weight with threaded inserts	gr. 190	
	Assembly positions	Indifferent	Ⓒ CONNECTIONS A = G1/4" (only for "N" version) B = G3/8" C = G3/8" NPT (only for "N" version)
	Handle opening and closing angle	90°	
	Max. fitting torque (with Technopolymer threads)	G3/8" = 16 Nm	
	Max. fitting torque (with threaded inserts)	G1/4" = 20 Nm G3/8" = 25 Nm	
	Nominal flow at 6 bar with Δp=1	2200 Nl/min.	
	Exhaust nominal flowrate at 6 bar with Δp=1	1500 Nl/min.	

Shut-off valve (VL)



Example: T173BVL : size 3, Shut-off valve with Technopolymer threads, G1/2" connections

3

Operational characteristics

- Manual operated 3 ways poppet valve.
- Double handle action for valve opening: pushing and rotating (clockwise).
- The valve can be closed and the down stream circuit depressurized by rotating anticlockwise the knob.
- Knob lockable with three padlocks.

Technical characteristics

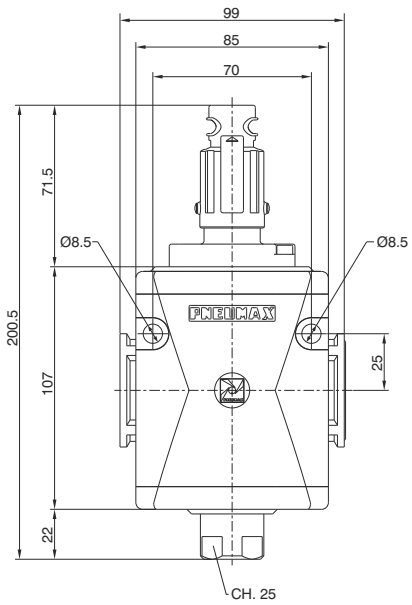
Connections	G 3/8" - G 1/2"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 230
Weight with threaded inserts	gr. 250
Assembly positions	Indifferent
Handle opening and closing angle	90°
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm
Nominal flow at 6 bar with Δp=1	3600 Nl/min.
Exhaust nominal flowrate at 6 bar with Δp=1	1500 Nl/min.

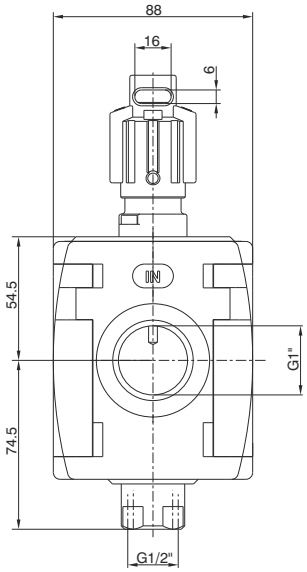
Ordering code

Ⓥ173ⒸVL

Ⓥ	VERSION
	N = Metal inserts
	T = Technopolymer thread
Ⓒ	CONNECTIONS
	A = G3/8" (only for "N" version)
	B = G1/2"
	C = G1/2" NPT (only for "N" version)

Shut-off valve (VL)





Example: N174BVL : size 4, Shut-off valve, G1" connections

Operational characteristics	Technical characteristics		
- Manual operated 3 ways poppet valve. - Double handle action for valve opening: pushing and rotating (clockwise). - The valve can be closed and the down stream circuit depressurized by rotating anticlockwise the knob. - Knob lockable with three padlocks.	Connections	G1"	Ordering code
	Max. inlet pressure	10 bar	**N174BVL**
	Working temperature	-5°C +50°C	
	Weight	1100 (gr)	
	Assembly positions	Indifferent	
	Handle opening and closing angle	90°	
	Nominal flow at 6 bar with Δp=1 (from 1 to 2)	15000 dm^3/min. (ANR)	
	Exhaust nominal flowrate at 6 bar with Δp=1 (from 2 to 3)	3600 dm^3/min. (ANR)	
	Nominal flow with free exhaust at 6 bar (from 2 to 3)	5000 dm^3/min. (ANR)	
	Wall fixing screw	M8	

3