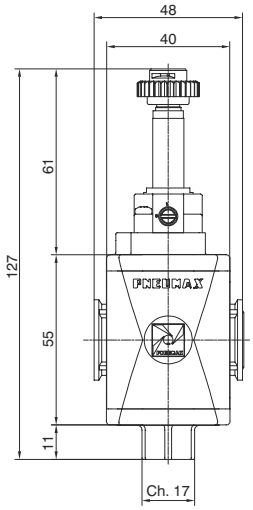
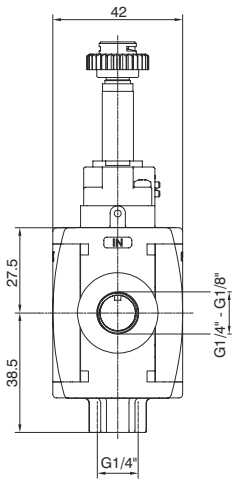
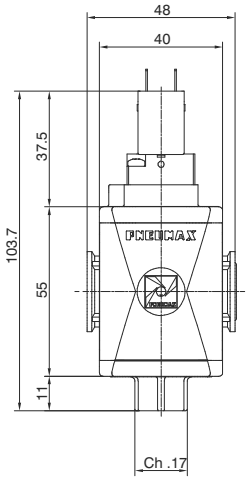
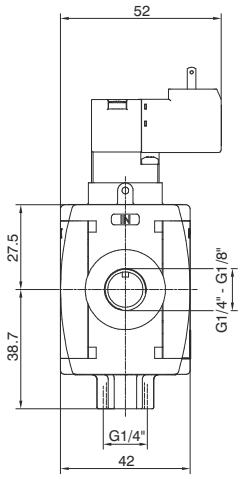
Electric shut-off valve (VE)









Example : T171BVEB2 : size 1, Electric shut-off valve, with M2 Pilot without coil, Technopolymer threads, G1/4" connections

Operational characteristics

- Solenoid operated 3 ways poppet valve.
- The model fitted with 15 mm pilots uses pilots series N33_0A and N33_0E (1 Watt)

Technical characteristics

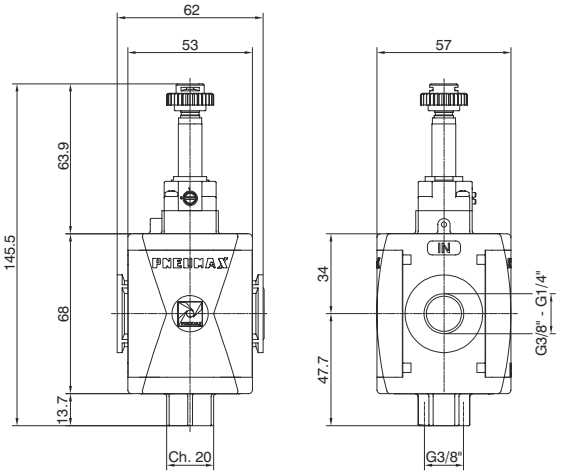
Supply and operating connections	G 1/8" - G 1/4"
Discharge connections	G 1/4"
Working temperature	-5°C ÷ +50°C
Weight with Technopolymer threads	130 g
Weight with threaded inserts	140 g
Assembly positions	Indifferent
Min. Pressure working	3 bar
Max. Pressure working	10 bar
Max. fitting torque (with Technopolymer 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.

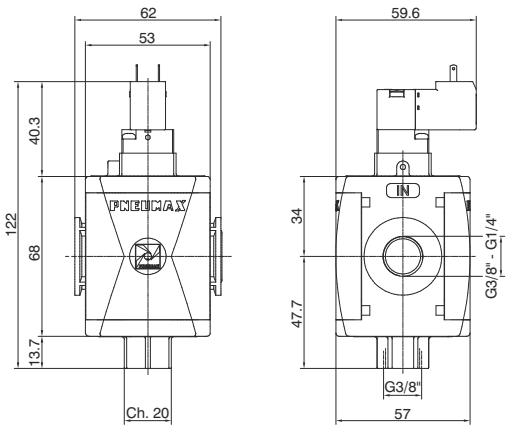
Ordering code

Ⓥ171ⒸVEⒶ

Ⓥ	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)
Ⓐ	15 mm COIL VOLTAGE
	A4 = 12 V DC
	A5 = 24 V DC
	A6 = 24 V AC (50-60 Hz)
	A7 = 110 V AC (50-60 Hz)
	A8 = 220 V AC (50-60 Hz)
	A9 = 24 V DC (1 Watt)
	22 mm COIL VOLTAGE
	B2 = Without coil M2 mechanic
	B4 = 12 V DC
	B5 = 24 V DC
	B6 = 24 V AC (50-60 Hz)
	B7 = 110 V AC (50-60 Hz)
	B8 = 220 V AC (50-60 Hz)
	B9 = 24 V DC (2 Watt)
	30 mm COIL VOLTAGE
	C5 = 24 V DC
	C6 = 24 V AC (50-60 Hz)
	C7 = 110 V AC (50-60 Hz)
	C8 = 230 V AC (50-60 Hz)
	C9 = 24 V DC (2 Watt)

Electric shut-off valve (VE)





Example : T172BVEB2 : size 2, Electric shut-off valve, with M2 Pilot without coil, Technopolymer threads, G3/8" connections

Operational characteristics

- Solenoid operated 3 ways poppet valve.
- The model fitted with 15 mm pilots uses pilots series N33_0A and N33_0E (1 Watt)

Technical characteristics

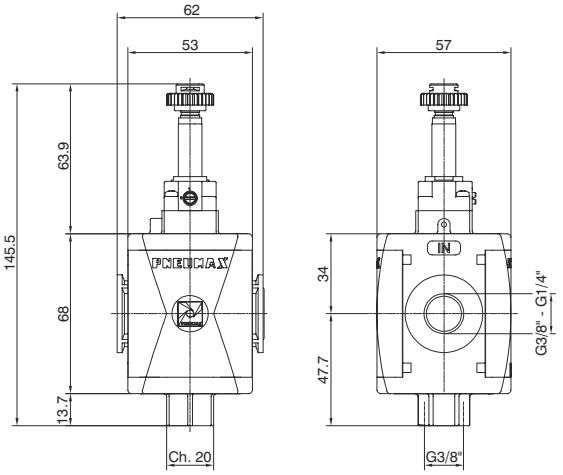
Supply and operating connections	G 1/4" - G 3/8"
Discharge connections	G 3/8"
Working temperature	-5°C ÷ +50°C
Weight with Technopolymer threads	200 g
Weight with threaded inserts	210 g
Assembly positions	Indifferent
Min. Pressure working	2,5 bar
Max. Pressure working	10 bar
Max. fitting torque (with 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.

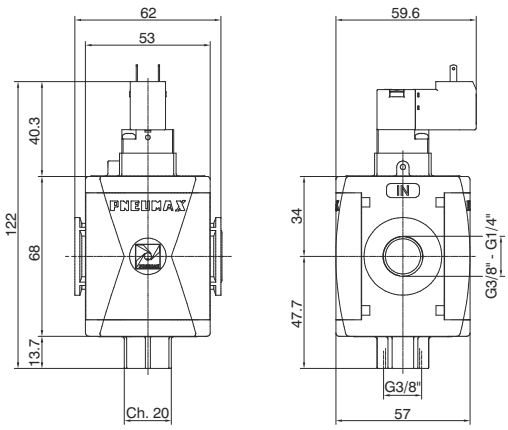
Ordering code

Ⓥ172ⒸVEⒶ

Ⓥ	VERSION
	N = Metal inserts
	T = Technopolymer thread
Ⓒ	CONNECTIONS
	A = G1/4"(only for "N" version)
	B = G3/8"
	C = G3/8" NPT(only for "N" version)
Ⓐ	15 mm COIL VOLTAGE
	A4 = 12 V DC
	A5 = 24 V DC
	A6 = 24 V AC (50-60 Hz)
	A7 = 110 V AC (50-60 Hz)
	A8 = 220 V AC (50-60 Hz)
	A9 = 24 V DC (1 Watt)
	22 mm COIL VOLTAGE
	B2 = Without coil M2 mechanic
	B4 = 12 V DC
	B5 = 24 V DC
	B6 = 24 V AC (50-60 Hz)
	B7 = 110 V AC (50-60 Hz)
	B8 = 220 V AC (50-60 Hz)
	B9 = 24 V DC (2 Watt)
	30 mm COIL VOLTAGE
	C5 = 24 V DC
	C6 = 24 V AC (50-60 Hz)
	C7 = 110 V AC (50-60 Hz)
	C8 = 230 V AC (50-60 Hz)
	C9 = 24 V DC (2 Watt)

Electric shut-off valve (VE)





Example : T172BVEB2 : size 2, Electric shut-off valve, with M2 Pilot without coil, Technopolymer threads, G3/8" connections

Operational characteristics

- Solenoid operated 3 ways poppet valve.
- The model fitted with 15 mm pilots uses pilots series N33_0A and N33_0E (1 Watt)

Technical characteristics

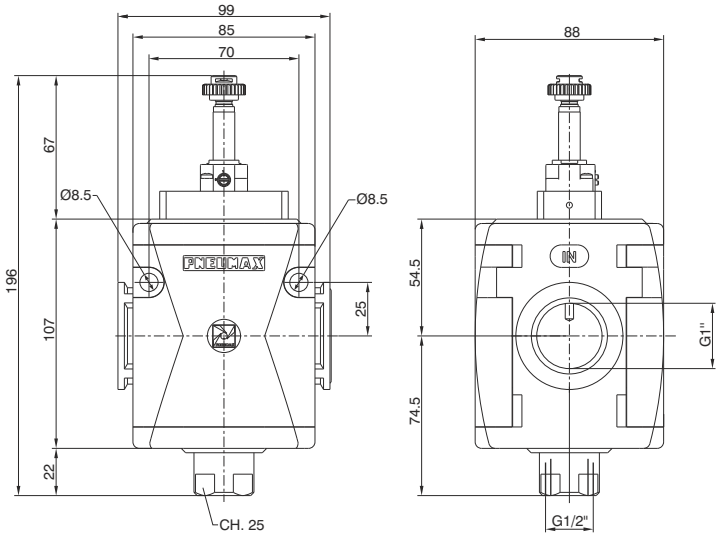
Supply and operating connections	G 1/4" - G 3/8"
Discharge connections	G 3/8"
Working temperature	-5°C ÷ +50°C
Weight with Technopolymer threads	200 g
Weight with threaded inserts	210 g
Assembly positions	Indifferent
Min. Pressure working	2,5 bar
Max. Pressure working	10 bar
Max. fitting torque (with 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.

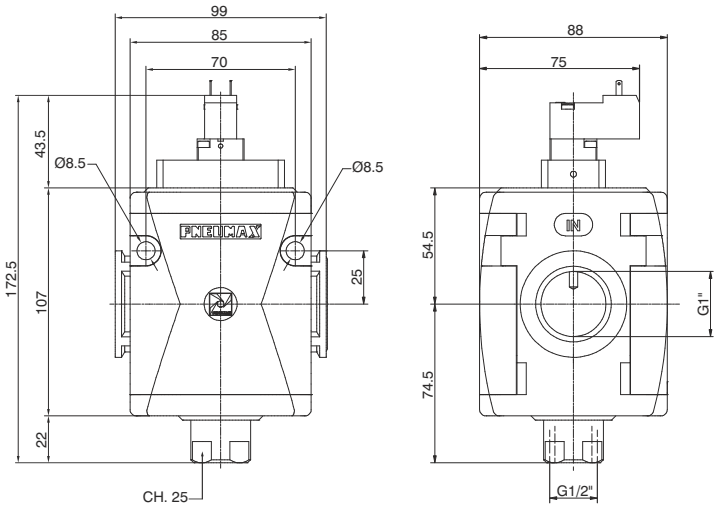
Ordering code

Ⓥ172ⒸVEⒶ

Ⓥ	VERSION
	N = Metal inserts
	T = Technopolymer thread
Ⓒ	CONNECTIONS
	A = G1/4"(only for "N" version)
	B = G3/8"
	C = G3/8" NPT(only for "N" version)
Ⓐ	15 mm COIL VOLTAGE
	A4 = 12 V DC
	A5 = 24 V DC
	A6 = 24 V AC (50-60 Hz)
	A7 = 110 V AC (50-60 Hz)
	A8 = 220 V AC (50-60 Hz)
	A9 = 24 V DC (1 Watt)
	22 mm COIL VOLTAGE
	B2 = Without coil M2 mechanic
	B4 = 12 V DC
	B5 = 24 V DC
	B6 = 24 V AC (50-60 Hz)
	B7 = 110 V AC (50-60 Hz)
	B8 = 220 V AC (50-60 Hz)
	B9 = 24 V DC (2 Watt)
	30 mm COIL VOLTAGE
	C5 = 24 V DC
	C6 = 24 V AC (50-60 Hz)
	C7 = 110 V AC (50-60 Hz)
	C8 = 230 V AC (50-60 Hz)
	C9 = 24 V DC (2 Watt)

Electric shut-off valve (VE)





Example : N174BVEB2 : size 4, Electric shut-off valve, with M2 Pilot without coil, G1" connections

Operational characteristics

- Solenoid operated 3 ways poppet valve.
- The model fitted with 15 mm pilots uses pilots series N33_0A and N33_0E (1 Watt)

Technical characteristics

Supply and operating connections	G1"
Discharge connections	G ½"
Working temperature	-5°C +50°C
Weight	1170 (gr)
Assembly positions	Indifferent
Min. Pressure working	2,5 bar
Max. Pressure working	10 bar
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

Ordering code

N174BVE(A)

(A)	
	15 mm COIL VOLTAGE
	A4 = 12 V DC
	A5 = 24 V DC
	A6 = 24 V AC (50-60 Hz)
	A7 = 110 V AC (50-60 Hz)
	A8 = 220 V AC (50-60 Hz)
	A9 = 24 V DC (1 Watt)
	22 mm COIL VOLTAGE
	B2 = Wthout coil M2 mechanic
	B4 = 12 V DC
	B5 = 24 V DC
	B6 = 24 V AC (50-60 Hz)
	B7 = 110 V AC (50-60 Hz)
	B8 = 220 V AC (50-60 Hz)
	B9 = 24 V DC (2 Watt)
	30 mm COIL VOLTAGE
	C5 = 24 V DC
	C6 = 24 V AC (50-60 Hz)
	C7 = 110 V AC (50-60 Hz)
	C8 = 230 V AC (50-60 Hz)
	C9 = 24 V DC (2 Watt)