

piCLASSIC



It is available with a three-stage COAX® cartridge MIDI. Choose an Si cartridge for extra vacuum flow, a Pi cartridge for high performance at low feed pressure or an Xi cartridge when high flow and deep vacuum is needed. This pump has a substantially lower air consumption compare to competition, it is compact with no moving parts. It can be configured with 1–6 cartridges. This pump can easily be upgraded with more capacity if needed. And it is also easy to disassemble for maintenance.

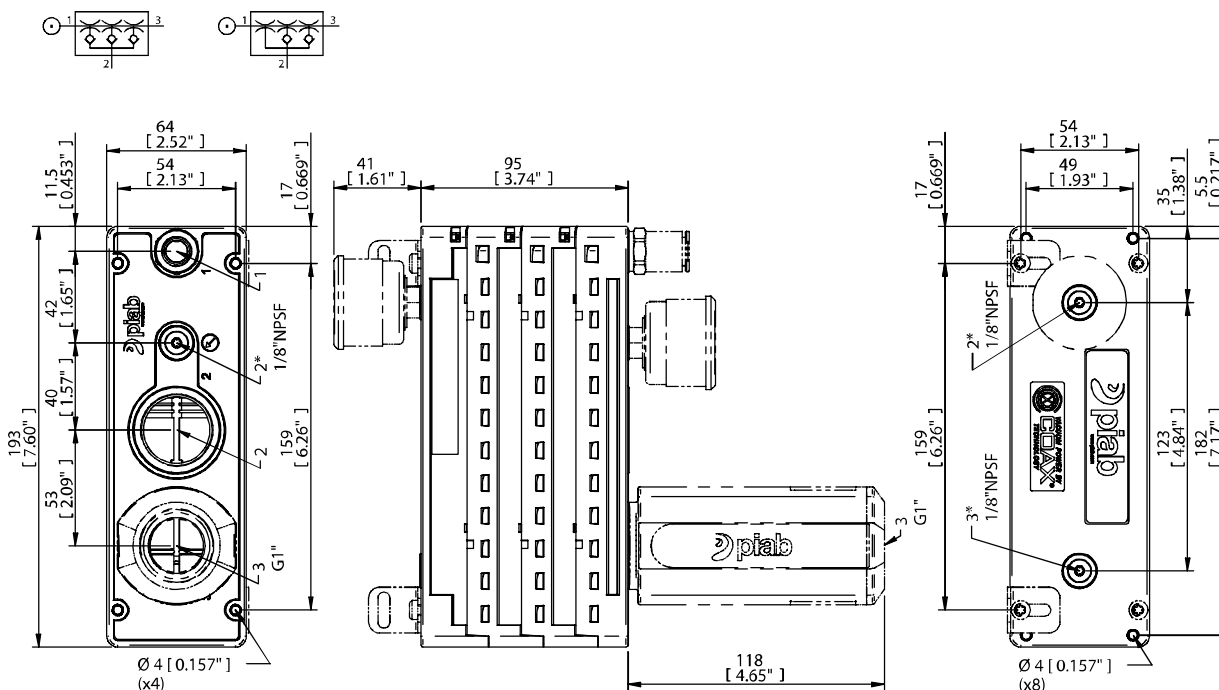
Vacuum flow

COAX® Cartridge	Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum -kPa
			0	10	20	30	40	50	60	70	80	90	
MIDI Si32-3 x1	0.6	1.75	6	3.5	2.6	1.7	0.9	0.6	0.5	0.35	—	—	75
MIDI Si32-3 x2	0.6	3.5	12	7	5.2	3.4	1.8	1.2	1	0.7	—	—	75
MIDI Si32-3 x3	0.6	5.25	18	10.5	7.8	5.1	2.7	1.8	1.5	1.1	—	—	75
MIDI Si32-3 x4	0.6	7	24	14	10.4	6.8	3.6	2.4	2	1.4	—	—	75
MIDI Si32-3 x5	0.6	8.75	25.5	15.8	12.4	8.5	4.5	3	2.5	2.1	—	—	75
MIDI Si32-3 x6	0.6	10.5	28.8	17.9	14.8	10.2	5.4	3.6	3	2.2	—	—	75
MIDI Pi48-3 x1	0.31	2.05	5.6	2.5	1.8	1.1	0.65	0.5	0.35	0.25	0.1	—	90
MIDI Pi48-3 x2	0.31	4	11.2	5	3.6	2.2	1.3	1	0.7	0.5	0.2	—	90
MIDI Pi48-3 x3	0.31	6	16.8	7.5	5.4	3.3	1.95	1.5	1.05	0.75	0.3	—	90
MIDI Pi48-3 x4	0.31	8	22.4	10	7.2	4.4	2.6	2	1.4	1	0.4	—	90
MIDI Pi48-3 x5	0.31	10	23.8	11.3	8.6	5.5	3.25	2.5	1.75	1.25	0.5	—	90
MIDI Pi48-3 x6	0.31	12	26.9	12.8	10.3	6.6	3.9	3	2.1	1.5	0.6	—	90
MIDI Xi40-3 x1	0.45	1.83	5.9	3	2	1.3	0.73	0.58	0.43	0.32	0.18	0.03	95
MIDI Xi40-3 x2	0.45	3.66	11.8	6	4	2.6	1.46	1.16	0.86	0.64	0.36	0.06	95
MIDI Xi40-3 x3	0.45	5.49	17.7	9	6	3.9	2.19	1.74	1.29	0.96	0.54	0.09	95
MIDI Xi40-3 x4	0.45	7.32	23.6	12	8	5.2	2.92	2.32	1.72	1.28	0.72	0.12	95
MIDI Xi40-3 x5	0.45	9.15	25.1	13.5	9.5	6.5	3.65	2.9	2.15	1.6	0.9	0.15	95
MIDI Xi40-3 x6	0.45	11	28.3	15.3	11.4	7.8	4.38	3.44	2.58	1.92	1.08	0.18	95

Evacuation times

COAX® Cartridge	Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)										Max vacuum -kPa
			10	20	30	40	50	60	70	80	90		
MIDI Si32-3 x1	0.6	1.75	0.02	0.05	0.1	0.18	0.33	0.53	0.8	—	—	75	
MIDI Si32-3 x2	0.6	3.5	0.01	0.025	0.05	0.09	0.17	0.27	0.4	—	—	75	
MIDI Si32-3 x3	0.6	5.25	0.007	0.017	0.033	0.06	0.11	0.18	0.27	—	—	75	
MIDI Si32-3 x4	0.6	7	0.005	0.013	0.025	0.045	0.083	0.13	0.2	—	—	75	
MIDI Si32-3 x5	0.6	8.75	0.005	0.012	0.022	0.036	0.066	0.11	0.16	—	—	75	
MIDI Si32-3 x6	0.6	10.5	0.004	0.01	0.018	0.03	0.055	0.09	0.13	—	—	75	
MIDI Pi48-3 x1	0.31	2.05	0.02	0.06	0.12	0.25	0.45	0.7	1	1.6	4	90	
MIDI Pi48-3 x2	0.31	4	0.01	0.03	0.06	0.13	0.23	0.35	0.5	0.8	2	90	
MIDI Pi48-3 x3	0.31	6	0.007	0.02	0.04	0.08	0.15	0.23	0.33	0.53	1.33	90	
MIDI Pi48-3 x4	0.31	8	0.005	0.015	0.03	0.06	0.11	0.18	0.25	0.4	1	90	
MIDI Pi48-3 x5	0.31	10	0.005	0.014	0.028	0.05	0.09	0.14	0.2	0.32	0.8	90	
MIDI Pi48-3 x6	0.31	12	0.004	0.013	0.025	0.04	0.08	0.12	0.17	0.27	0.67	90	
MIDI Xi40-3 x1	0.45	1.83	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2	95	
MIDI Xi40-3 x2	0.45	3.66	0.011	0.031	0.06	0.11	0.19	0.29	0.42	0.6	1.1	95	
MIDI Xi40-3 x3	0.45	5.49	0.007	0.021	0.04	0.07	0.12	0.19	0.28	0.4	0.73	95	
MIDI Xi40-3 x4	0.45	7.32	0.006	0.016	0.03	0.055	0.09	0.14	0.21	0.3	0.55	95	
MIDI Xi40-3 x5	0.45	9.15	0.005	0.014	0.026	0.044	0.07	0.11	0.17	0.24	0.44	95	
MIDI Xi40-3 x6	0.45	11	0.005	0.012	0.022	0.04	0.06	0.1	0.14	0.2	0.37	95	

Dimensional drawing



*) Sensing port

PCL.XXXX.S. **AB**

	1	2
AB	G1/4"	G1"
12B	Ø12	G1"

Ordering information

For a complete list of available pumps and combinations with further information visit piab.com. On our webpage you will also be able to find dimensional drawings, CAD-drawings and much more. Register and get full access to all resources available.

Accessory descriptions



piCLASSIC Energy saving

piCLASSIC has an integrated air-saving function (piSAVE onoff) that minimises the air consumption by controlling the incoming air flow to the pump. Large hysteresis is recommended for sealed vacuum handling applications such as metal sheet, glass or plastic handling. And small hysteresis is recommended if a very accurate vacuum level has to be maintained in the process. It has an adjustable ES switch level and is a pneumatic function.



piCLASSIC piSAVE optimize

The piSAVE optimize is a vacuum controlled proportional pressure regulator, a fully pneumatic device suitable for air-driven ejectors/pumps. The feed pressure to the vacuum pump/ejector is automatically regulated and controlled to maintain the set vacuum level. Air/energy usage is kept to a minimum for the application (optimized). It is recommended for leaking and sealed applications to save energy and secure the right vacuum level.

piCLASSIC – Customer Code

piCLASSIC Code	Code	COAX® Cartridge module	Code	Number of COAX®	Code	COAX® valve configuration	Code	Sealing material
PCL	S	COAX® cartridge Si32-3, high vacuum flow	1	x1	B	Standard	N	Nitrile
			2	x2				
			3	x3				
	X	COAX® cartridge Xi40-3, extra vacuum level	4	x4	A	Non-return valve	V	Viton
			5	x5				
			6	x6				

PCL . X2BN . S . AD . SV

Code	Function
S	No function
F	Energy saving system (ES)
O	piSAVE optimize

Compressed air connection		Vacuum connection	
Code		Code	
A	G1/4" female	D	G3/4" female
E	1/4" NPT female	E	3/4" NPT female
D	1/8" NPSF (G) female		
08	Push-in Ø 8 mm [5/16"]	B	G1" female
10	Push-in Ø 10 mm		
12	Push-in Ø 12 mm		

Code	COAX® valve configuration
S	Silencer G1" male
SV	Silencer G1" male & vacuum gauge
V	Vacuum gauge
X	No accessory

P6010 Classic



- ▶ Patented COAX® technology
- ▶ Connections can be made on the long side of the ejector
- ▶ Retro-compatible with PIAB's Classic model in regard to mounting

Supplied with a vacuum gauge.

Technical data

Description	Unit	Value
Feed pressure, max	MPa	0.7
Noise level*	dB(A)	50-67
Temperature range	°C	-10-80
Weight	g	1700-1800
Material		AI, PA, NBR, SS, TPE

*At vacuum level 40 -kPa and feed pressure 0.3-0.6 MPa.

Performance tables

Depending upon choice of COAX® cartridge, performance data of the P6010 Classic can be found in the tables for vacuum flow, evacuation time and blow flow for models P6010 Pi, Si and Xi.

Ordering information

1. Housing		P6010 Code
Housing		P6010
2. COAX® cartridge modules		P6010 code
	COAX® cartridge module blind x4	AA
a	COAX® cartridge module Pi48-3X1	AJ
a	COAX® cartridge module Pi48-3X2	AK
a	COAX® cartridge module Pi48-3X3	AL
a	COAX® cartridge module Pi48-3X4	AM
b	COAX® cartridge module Pi48-3X1, non-return valve	AN
b	COAX® cartridge module Pi48-3X2, non-return valve	AO
b	COAX® cartridge module Pi48-3X3, non-return valve	AP
b	COAX® cartridge module Pi48-3X4, non-return valve	AQ
a	COAX® cartridge module Si32-3X1	AB
a	COAX® cartridge module Si32-3X2	AC
a	COAX® cartridge module Si32-3X3	AD
a	COAX® cartridge module Si32-3X4	AE
b	COAX® cartridge module Si32-3X1, non-return valve	AF
b	COAX® cartridge module Si32-3X2, non-return valve	AG
b	COAX® cartridge module Si32-3X3, non-return valve	AH
b	COAX® cartridge module Si32-3X4, non-return valve	AI
a	COAX® cartridge module Si32-3X1, 1x flap valve	BB
a	COAX® cartridge module Si32-3X2, 1x flap valve	BC
a	COAX® cartridge module Si32-3X3, 1x flap valve	BD
a	COAX® cartridge module Si32-3X4, 1x flap valve	BE
a	COAX® cartridge module Xi40-3X1	AR
a	COAX® cartridge module Xi40-3X2	AS
a	COAX® cartridge module Xi40-3X3	AT
a	COAX® cartridge module Xi40-3X4	AU
b	COAX® cartridge module Xi40-3X1, non-return valve	AV
b	COAX® cartridge module Xi40-3X2, non-return valve	AW

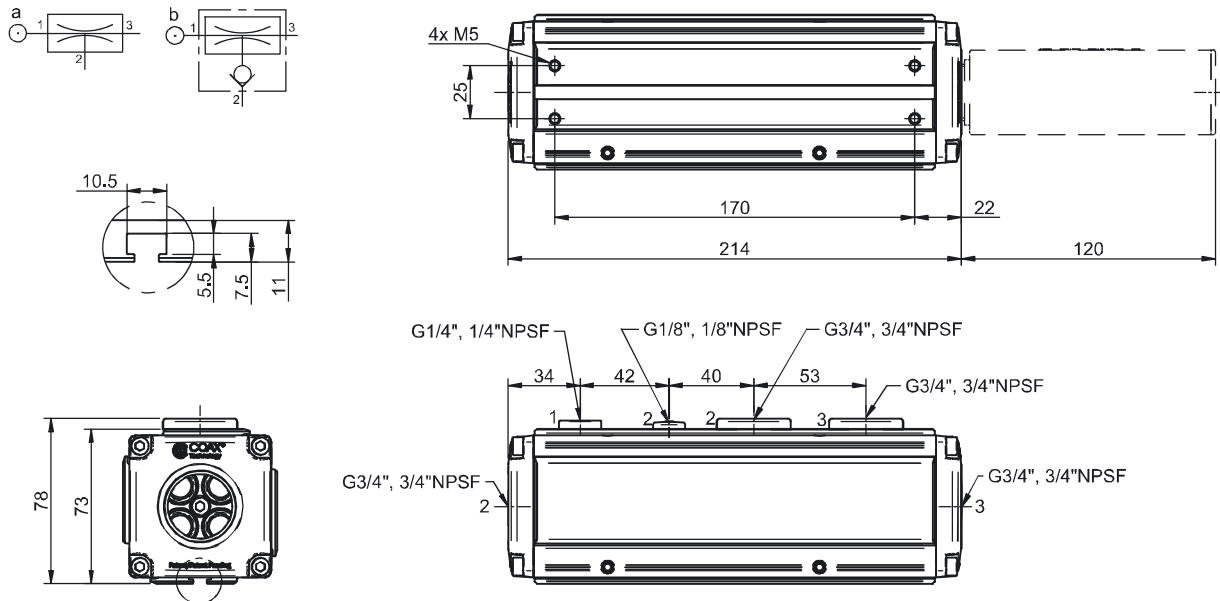
2. COAX® cartridge modules		P6010 code
b	COAX® cartridge module Xi40-3X3, non-return valve	AX
b	COAX® cartridge module Xi40-3X4, non-return valve	AY
a	COAX® cartridge module Xi40-3X1, 1x flap valve	BJ
a	COAX® cartridge module Xi40-3X2, 1x flap valve	BK
a	COAX® cartridge module Xi40-3X3, 1x flap valve	BL
a	COAX® cartridge module Xi40-3X4, 1x flap valve	BM

3. Mounting		P6010 Code
Mounting T-slot, Cover plate with PIAB label		01

4. Cover plates		P6010 Code
Cover plate Classic G thread connections, cover plate plain		LI
Cover plate Classic NPSF thread connections, cover plate plain		LK

5. Connections for vacuum and exhaust		P6010 Code
Connections 2x G3/4"		53
Connections 2x G3/4", silencer 3/4"		54
Connections 2x 3/4" NPSF		57
Connections 2x 3/4" NPSF, silencer 3/4"		58

Example		Ordering number
P6010 Pi48-3X4, Mounting T-slot, Cover plate Classic G-threads, Connections 2x G3/4" and silencer 3/4"		P6010 AM 01 LI 54



Ordering information, accessories

Description	Art. No.
Manometer 250 kPa	0112533
Manometer 1 MPa	0112532
Silencer G3/4"	3216002

P6010 AVM™2



- ▶ COAX® P6010 multistage ejector with Pi, Si or Xi vacuum cartridge(s).
- ▶ AVM™2, Automatic Vacuum Management, unit with built-in control and monitoring functions.
- ▶ Valves for vacuum on/off and blow-off.
- ▶ Special safety feature for the version with normally closed on/off valve. It changes to an open valve if power is lost (E-stop).
- ▶ Analogue vacuum sensor with two digital outputs, 16 pre-set combinations of signal levels to choose from.
- ▶ Digital display with “-kPa” or “-inHg” as unit options.
- ▶ Integrated energy saving function (ES) that minimizes the air consumption in sealed systems. The ES function can be activated manually or via a signal (signal override).
- ▶ Three-colour LED status indicators for valves, signal outputs and ES.
- ▶ On AVM™2 units for P6010, there is an option to blow from a separate port to maximize blow-off efficiency in the vacuum system.

Technical data

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level, range	dB(A)	50-70
Material		Al, PA, NBR, SS, PMMA, TPE
Temperature range	°C	0-50
Weight, range	g	2000-2100
Signal range, adjustable	-kPa	20-80
Hysteresis	kPa	7±1
Voltage	VDC	24 (22-28)
Safety classification		IP65 [NEMA 4]
Current, max. output load	mA	100
Humidity	%RH	90
Current consumption, nominal	mA	110
Ripple, max.	V _p	1 V _{rms}
Display		LED indicators, numeric
Flow, blow-off	NI/s	0-7.5

Technical data, specific

Description	Value	
	LU, LW, MA, MC (P6010 Code)	LV, LX, MB, MD (P6010 Code)
Function, on/off	NO	NC

Performance tables

Depending upon choice of COAX® cartridge, applicable performance data of the P6010 AVM™2 can be found in the tables for vacuum flow and evacuation time for models P6010 Pi, Si and Xi.

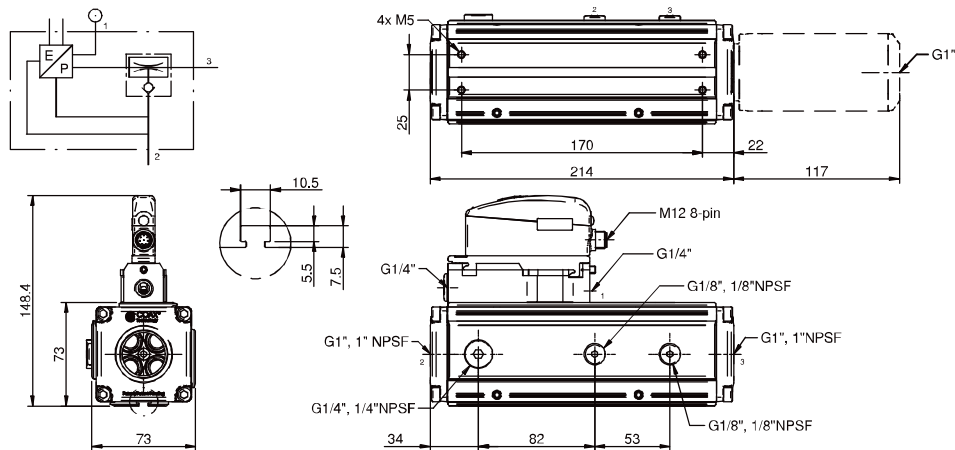
Ordering information

1. Housing	P6010 Code
Housing	P6010
2. COAX® cartridge modules	P6010 code
COAX® cartridge module Pi48-3X1, non-return valve	AN
COAX® cartridge module Pi48-3X2, non-return valve	AO
COAX® cartridge module Pi48-3X3, non-return valve	AP
COAX® cartridge module Pi48-3X4, non-return valve	AQ
COAX® cartridge module Si32-3X1, non-return valve	AF
COAX® cartridge module Si32-3X2, non-return valve	AG
COAX® cartridge module Si32-3X3, non-return valve	AH
COAX® cartridge module Si32-3X4, non-return valve	AI
COAX® cartridge module Xi40-3X1, non-return valve	AV
COAX® cartridge module Xi40-3X2, non-return valve	AW
COAX® cartridge module Xi40-3X3, non-return valve	AX
COAX® cartridge module Xi40-3X4, non-return valve	AY
3. Mounting	P6010 Code
Mounting T-slot, Cover plate with PIAB label	01
4. Cover plates	P6010 Code
Function AVM™2 NO, cover plate G thread connections	LU
Function AVM™2 NC, cover plate G thread connections	LV
Function AVM™2 NO, cover plate NPSF thread connections	LW
Function AVM™2 NC, cover plate NPSF thread connections	LX
Function AVM™2 NO, cover plate G thread connections, separated blow-off	MA
Function AVM™2 NC, cover plate G thread connections, separated blow-off	MB
Function AVM™2 NO, cover plate NPSF thread connections, separated blow-off	MC
Function AVM™2 NC, cover plate NPSF thread connections, separated blow-off	MD

NO = Normally open valve for vacuum on/off, NC = Normally closed valve for vacuum on/off.

5. Select Connections for vacuum and exhaust	P6010 Code
Connections 2x G1"	51
Connections 2x G1", silencer 1"	52
Connections 2x G3/4"	53
Connections 2x G3/4", silencer 3/4"	54
Connections 2x 1" NPSF	55
Connections 2x 1" NPSF, silencer 1"	56
Connections 2x 3/4" NPSF	57
Connections 2x 3/4" NPSF, silencer 3/4"	58

Example	Ordering number
P6010 Si32-3X2, non-return valve, Mounting T-slot, Cover plate with AVM™2 NO function and G-threads, Connections 2x G1" and silencer 1"	P6010 AG 01 LU 52



Ordering information, accessories

Description	Art. No.
Silencer G1"	0112499
Silencer 1" NPSF	0113003
Manometer 1 MPa	0112532
Cable M12 8-pin female, PUR, L=2m	0110238
Cable M12 8-pin female, PUR, L=5m	0117746
Y-cable M12 8-pin female, 2xM12 4-pin male, PNP, PUR, L=2m	0118407
Y-cable M12 8-pin female, 2xM12 5-pin male, NPN, PUR, L=2m	0120229

P6010 CU



- ▶ COAX® P6010 multistage ejector with Pi, Si or Xi vacuum cartridge(s).
- ▶ Integrated Control Unit (CU) with electric valves for vacuum on-off and blow-off control.
- ▶ Mechanical valve for blow-off flow adjustment.
- ▶ Configurable and modular design.
- ▶ On CU units for P6010, there is an option to blow from a separate port to maximize blow-off efficiency in the vacuum system.

Technical data

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level, range	dBA	50–70
Material		Al, PA, NBR, SS, PMMA, TPE
Temperature range	°C	0–50
Weight, range	g	2000–2100
Function, on/off		NC
Voltage	VDC	24 (22–28)
Safety classification		IP65 [NEMA 4]
Humidity	%RH	90
Current consumption, nominal	mA	60
Ripple, max.	VP	1 V _{rms}
Flow, blow-off	NI/s	0–7.5

Performance tables

Depending upon choice of COAX® cartridge, applicable performance data of the P6010 CU can be found in the tables for vacuum flow, evacuation time and blow flow for models P6010 Pi, Si and Xi.

Ordering information

1. Housing		P6010 Code
Housing		P6010
2. COAX® cartridge modules		P6010 code
	COAX® cartridge module blind x4	AA
a	COAX® cartridge module Pi48-3X1	AJ
a	COAX® cartridge module Pi48-3X2	AK
a	COAX® cartridge module Pi48-3X3	AL
a	COAX® cartridge module Pi48-3X4	AM
b	COAX® cartridge module Pi48-3X1, non-return valve	AN
b	COAX® cartridge module Pi48-3X2, non-return valve	AO
b	COAX® cartridge module Pi48-3X3, non-return valve	AP
b	COAX® cartridge module Pi48-3X4, non-return valve	AQ
a	COAX® cartridge module Si32-3X1	AB
a	COAX® cartridge module Si32-3X2	AC
a	COAX® cartridge module Si32-3X3	AD
a	COAX® cartridge module Si32-3X4	AE
b	COAX® cartridge module Si32-3X1, non-return valve	AF
b	COAX® cartridge module Si32-3X2, non-return valve	AG
b	COAX® cartridge module Si32-3X3, non-return valve	AH
b	COAX® cartridge module Si32-3X4, non-return valve	AI
a	COAX® cartridge module Xi40-3X1	AR
a	COAX® cartridge module Xi40-3X2	AS
a	COAX® cartridge module Xi40-3X3	AT
a	COAX® cartridge module Xi40-3X4	AU

2. COAX® cartridge modules		P6010 code
b	COAX® cartridge module Xi40-3X1, non-return valve	AV
b	COAX® cartridge module Xi40-3X2, non-return valve	AW
b	COAX® cartridge module Xi40-3X3, non-return valve	AX
b	COAX® cartridge module Xi40-3X4, non-return valve	AY

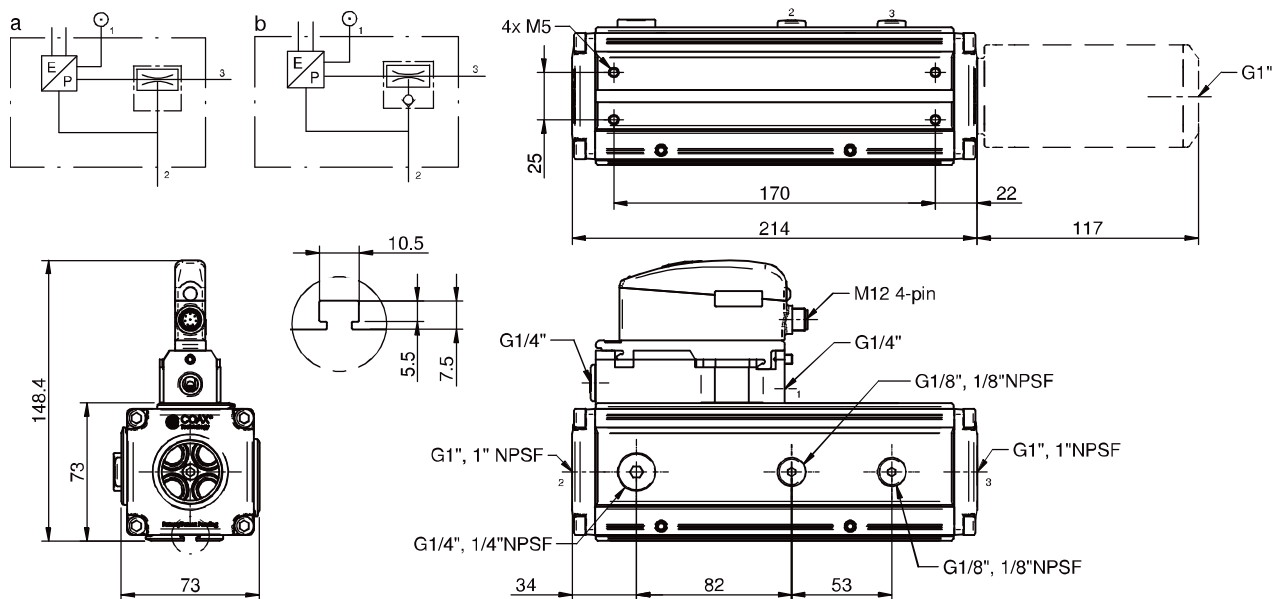
3. Mounting		P6010 Code
Mounting T-slot, Cover plate with PIAB label		01

4. Cover plates		P6010 Code
Function CU NC, cover plate G thread connections		LY
Function CU NC, cover plate NPSF thread connections		LZ
Function CU NC, cover plate G thread connections, separated blow-off		ME
Function CU NC, cover plate NPSF thread connections, separated blow-off		MF

NC = Normally closed valve for vacuum on/off.

5. Select Connections for vacuum and exhaust		P6010 Code
Connections 2x G1"		51
Connections 2x G1", silencer 1"		52
Connections 2x G3/4"		53
Connections 2x G3/4", silencer 3/4"		54
Connections 2x 1" NPSF		55
Connections 2x 1" NPSF, silencer 1"		56
Connections 2x 3/4" NPSF		57
Connections 2x 3/4" NPSF, silencer 3/4"		58

Example	Ordering number
P6010 Si32-3X2, non-return valve, Mounting T-slot, Cover plate with CU NC function and G-threads, Connections 2x G1" and silencer 1"	P6010 AG 01 LY 52



Ordering information, accessories

Description	Art. No.
Silencer G1"	0112499
Silencer 1" NPSF	0113003
Manometer 1 MPa	0112532
Cable M12 4-pin female, PUR, L=5m*	0121817
Cable M12 4-pin female, M12 4-pin male, PUR, L=2m	0118322

*) Pin No. 1 is not used.

P6010 PCC



- ▶ COAX® P6010 multistage ejector with Pi, Si or Xi vacuum cartridge(s).
- ▶ PPC , Piab Cruise Control, is programmable for constant vacuum level in the system
- ▶ Quick adjustment
- ▶ Easy to install in control systems
- ▶ Low power consumption, 24 VDC/120 mA
- ▶ Integrated analogue vacuum or blow-pressure sensor

Supplied with a vacuum gauge.

Technical data

Description	Unit	Value
Feed pressure, max.	MPa	1.0
Feed pressure, min.	MPa	0.12
Air consumption, internal	NI/s	0.04
Noise level	dBA	50-70
Material		Al, CuZn, PA, NBR, SS
Temperature range	°C	3-50
Connection, vacuum & exhaust		G1"/1"NPSF
Connection, compressed air		G1/4"
Connection, regulator/exhaust		G1/8"
Voltage supply	VDC	24 (21.8-26.4)
Voltage signal, input	VDC	0-10
Safety classification		IP65
Current consumption	mA	30
Electric connection		M12 5-pin male
Pressure drop	MPa	0.1
Linearity	%FS	<1.5
Hysteresis	%FS	<0.5
Repeatability	%FS	<0.5
Regulator operating range, vacuum level	-kPa	0-90
Input impedance, signal in	kΩ	55
Nominal flow rate (0.6 MPa in, 0.1 Mpa P)	NI/s	18.3
Outlet pressure, to vacuum pump	MPa	0.02-0.9
Particle size, max.	µm	20

The design of PCC requires that the inlet pressure is 0.1 MPa higher than the outlet pressure.

Performance tables

Depending upon choice of COAX® Cartridge, applicable performance data of the P6010 PCC can be found in the tables for vacuum flow and evacuation time for models P6010 Pi, Si and Xi.

Ordering information

1. Housing		P6010 Code
Housing		P6010
2. COAX® cartridge modules		P6010 code
	COAX® cartridge module blind x4	AA
a	COAX® cartridge module Pi48-3X1	AJ
a	COAX® cartridge module Pi48-3X2	AK
a	COAX® cartridge module Pi48-3X3	AL
a	COAX® cartridge module Pi48-3X4	AM
b	COAX® cartridge module Pi48-3X1, non-return valve	AN
b	COAX® cartridge module Pi48-3X2, non-return valve	AO
b	COAX® cartridge module Pi48-3X3, non-return valve	AP
b	COAX® cartridge module Pi48-3X4, non-return valve	AQ
a	COAX® cartridge module Si32-3X1	AB
a	COAX® cartridge module Si32-3X2	AC
a	COAX® cartridge module Si32-3X3	AD

Vacuum pumps/generators Medium



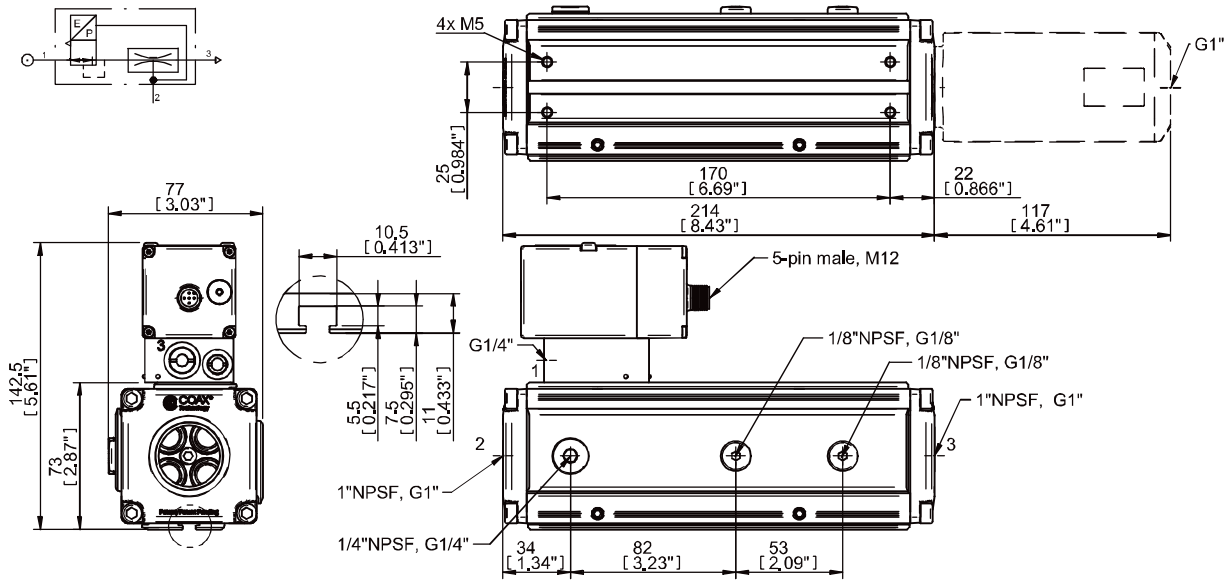
2. COAX® cartridge modules		P6010 code
a	COAX® cartridge module Si32-3X4	AE
b	COAX® cartridge module Si32-3X1, non-return valve	AF
b	COAX® cartridge module Si32-3X2, non-return valve	AG
b	COAX® cartridge module Si32-3X3, non-return valve	AH
b	COAX® cartridge module Si32-3X4, non-return valve	AI
a	COAX® cartridge module Xi40-3X1	AR
a	COAX® cartridge module Xi40-3X2	AS
a	COAX® cartridge module Xi40-3X3	AT
a	COAX® cartridge module Xi40-3X4	AU
b	COAX® cartridge module Xi40-3X1, non-return valve	AV
b	COAX® cartridge module Xi40-3X2, non-return valve	AW
b	COAX® cartridge module Xi40-3X3, non-return valve	AX
b	COAX® cartridge module Xi40-3X4, non-return valve	AY

3. Mounting		P6010 Code
Mounting T-slot, Cover plate with PIAB label		01

4. Cover plates		P6010 Code
Function PCC Vacuum, cover plate G thread connections		LB
Function PCC Vacuum, cover plate NPSF thread connections		LT

5. Select Connections for vacuum and exhaust		P6010 Code
Connections 2x G1"		51
Connections 2x G1", silencer 1"		52
Connections 2x G3/4"		53
Connections 2x G3/4", silencer 3/4"		54
Connections 2x 1" NPSF		55
Connections 2x 1" NPSF, silencer 1"		56
Connections 2x 3/4" NPSF		57
Connections 2x 3/4" NPSF, silencer 3/4"		58

Example	Ordering number
P6010 Si32-3X2, Mounting T-slot, Cover plate with PCC vacuum function and G-threads, Connections 2x G1" and silencer 1"	P6010 AC 01 LB 52



Ordering information, accessories

Description	Art. No.
Silencer G1"	0112499
Silencer 1" NPSF	0113003
Manometer 1 MPa	0112532
Cable M12 4-pin female PUR, 5m*	0121817

*) Pin no. 5 is not used. M12 4-pin cable will fit the M12 5-pin connector.

piCLASSIC Si32-3



- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ The Si cartridge offers extra vacuum flow.
- ▶ Suitable for handling porous materials or if leakage is present.
- ▶ Large capacity range, available with 1 to 6 COAX® Si32 three-stage cartridges.
- ▶ Can be easily be upgraded with more capacity if needed.
- ▶ Low-weight, configurable and modular design.
- ▶ Easy disassembly for maintenance.

Technical data

Description	Unit	Value
Feed pressure, optimum	MPa	0.60
Feed pressure, max.	MPa	0.7
Max. vacuum	-kPa	75
Internal volume, vacuum chamber, 1-2 cartridges	cm ³	140
Internal volume, vacuum chamber, 3-4 cartridges	cm ³	246
Internal volume, vacuum chamber, 5-6 cartridges	cm ³	353
Noise level at 40 -kPa & optimal feed pressure	dBa	66-77
Temperature range	°C	-10-80
Materials		PA, Al, SS, NBR (FKM), CuZn

Technical data, specific

Weight	Value (g)
1-2 cartridges	500-550
3-4 cartridges	720-790
5-6 cartridges	795-875
Silencer	120
Vacuum gauge	50

Vacuum flow at recommended feed pressure (0.6 MPa*)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)							
		0	10	20	30	40	50	60	70
Si32-3 x1	1.75	6.00	3.50	2.60	1.70	0.90	0.60	0.50	0.35
Si32-3 x2	3.50	12.0	7.00	5.20	3.40	1.80	1.20	1.00	0.70
Si32-3 x3	5.25	18.0	10.5	7.80	5.10	2.70	1.80	1.50	1.10
Si32-3 x4	7.00	24.0	14.0	10.4	6.80	3.60	2.40	2.00	1.40
Si32-3 x5	8.75	25.5	15.8	12.4	8.50	4.50	3.00	2.50	2.10
Si32-3 x6	10.5	28.8	17.9	14.8	10.2	5.40	3.60	3.00	2.20

*Feed pressure tolerance, ± 0.01 MPa.

Evacuation time at recommended feed pressure (0.6 MPa*)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)						
		10	20	30	40	50	60	70
Si32-3 x1	1.75	0.02	0.05	0.10	0.18	0.33	0.53	0.80
Si32-3 x2	3.50	0.01	0.025	0.05	0.09	0.17	0.27	0.40
Si32-3 x3	5.25	0.007	0.017	0.033	0.06	0.11	0.18	0.27
Si32-3 x4	7.00	0.005	0.013	0.025	0.045	0.083	0.13	0.20
Si32-3 x5	8.75	0.005	0.012	0.022	0.036	0.066	0.11	0.16
Si32-3 x6	10.5	0.004	0.010	0.018	0.03	0.055	0.09	0.13

*Feed pressure tolerance, ± 0.01 MPa.

Vacuum pumps/generators Medium



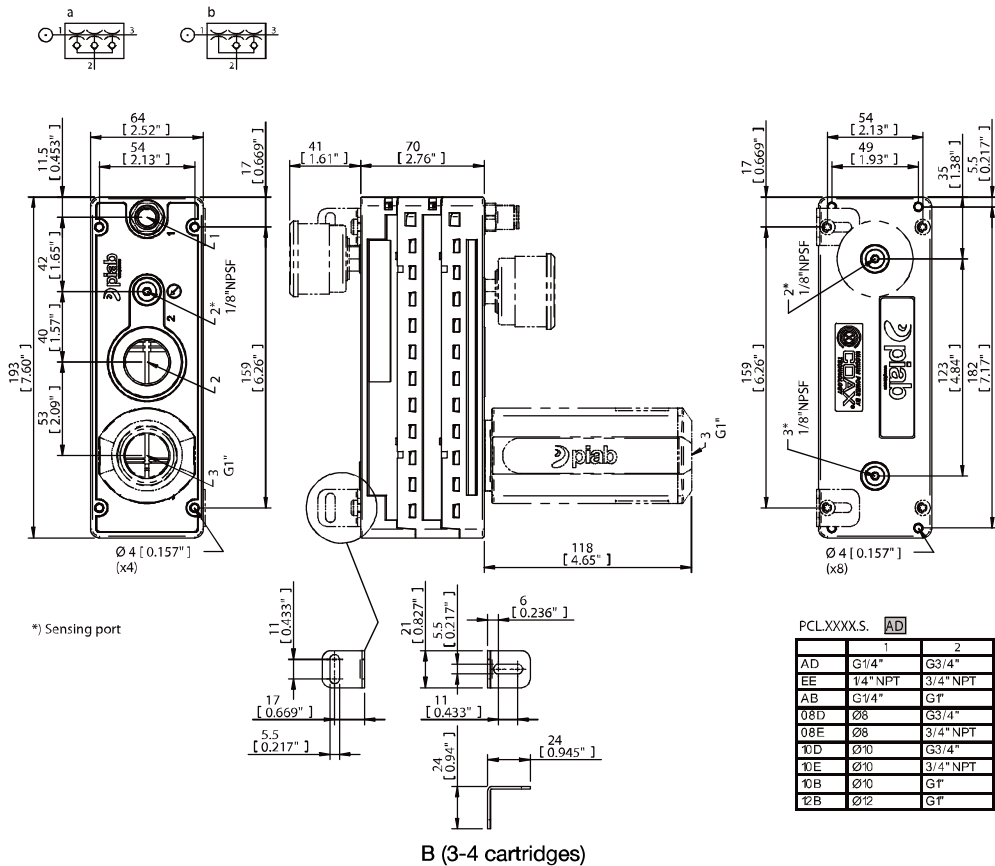
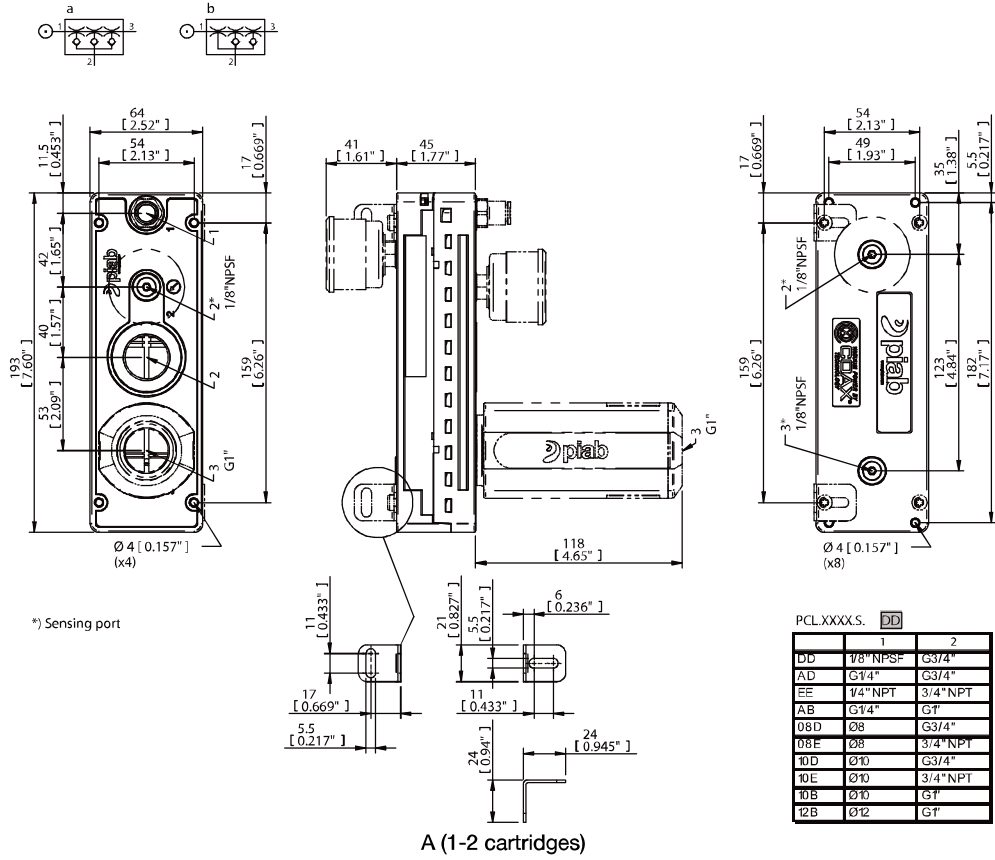
Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
A	COAX® cartridge module Si32-3x1	S1
A	COAX® cartridge module Si32-3x2	S2
B	COAX® cartridge module Si32-3x3	S3
B	COAX® cartridge module Si32-3x4	S4
C	COAX® cartridge module Si32-3x5	S5
C	COAX® cartridge module Si32-3x6	S6
2b. Valve Configuration		piCLASSIC Code
a	Standard	B
b	Non-return valve	A
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
Standard		S
4a. Compressed air connection		piCLASSIC Code
G1/4" female		A
1/4" NPT female		E
1/8" NPSF (G) female		D
*Push-in 8 mm (5/32")-1/4" female		08
*Push-in 10 mm-1/4" female		10
*Push-in 12 mm-1/4" female		12
<i>*Compressed air push-in connector included separately.</i>		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
G1" female		B
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Si32-3x1, Standard Valve, Nitrile Sealing, Function Standard, Connections Comp. Air G1/4" female--Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.S1BN.S.AD.SV

Vacuum pumps/generators Medium



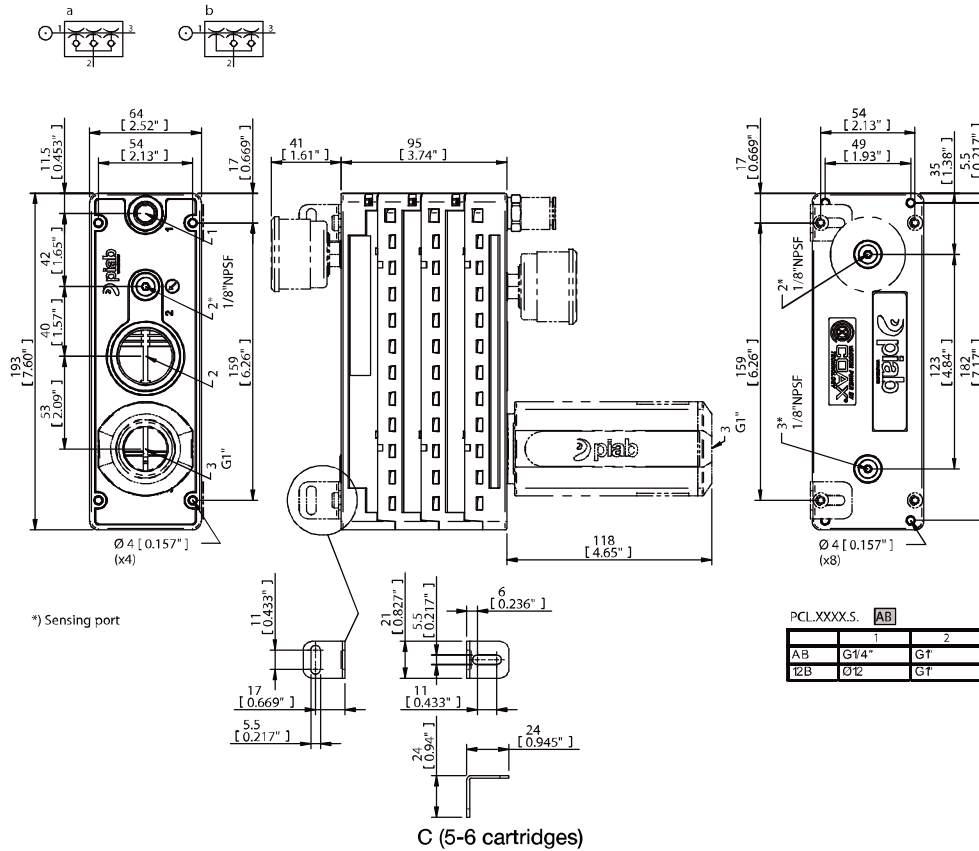
Dimensional drawing for piCLASSIC Si32-3



Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Si32-3



Crossover Classic to piCLASSIC

Classic Art. No.	Classic Code No.	piCLASSIC Art. No.	piCLASSIC Code No.
0102117	L25B6ADN	9904047	PCL.S1BN.S.08D.SV
0102119	L50B6ADN	9904040	PCL.S2BN.S.08D.SV
0102121	L100B6ADN	9904043	PCL.S3BN.S.08D.SV
0102122	L100B6ADNA	9904052	PCL.S3AN.S.08D.SV
0102027	L50B6-DN	9904050	PCL.S2BN.S.DD.SV
0102401	L25B6-EN	9904048	PCL.S1BN.S.08E.SV
0102403	L50B6-EN	9904046	PCL.S2BN.S.08E.SV
0102405	L100B6-EN	9904045	PCL.S3BN.S.08E.SV

Ordering information, accessories

Description	Art. No.
Silencer G3/4" with thread insert 1"-3/4"	0126362

Recommended for piCLASSIC pumps with 1-2 cartridges. Choose a piCLASSIC without Silencer G 1" in the ordering code.

piCLASSIC Pi48-3



- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ High performance reliability in cases of fluctuating or low compressed air pressure.
- ▶ Deep vacuum level achieved at very low feed pressure, 0.3 MPa.
- ▶ Fluctuating compressed air is commonplace in large plants and when the compressor has a high degree of utilization.
- ▶ Large capacity range, available with 1 to 6 COAX® Pi48 three-stage cartridges. A smaller piCLASSIC can easily be upgraded with more capacity if needed.
- ▶ Low-weight, configurable and modular design.
- ▶ Easy disassembly for maintenance.

Technical data

Description	Unit	Value
Feed pressure, optimum	MPa	0.30
Feed pressure, max.	MPa	0.7
Max. vacuum	-kPa	90
Internal volume, vacuum chamber, 1-2 cartridges	cm ³	140
Internal volume, vacuum chamber, 3-4 cartridges	cm ³	246
Internal volume, vacuum chamber, 5-6 cartridges	cm ³	353
Noise level at 40 -kPa & optimal feed pressure	dBA	65-68
Temperature range	°C	-10-80
Materials		PA, Al, SS, NBR (FKM), CuZn

Technical data, specific

Weight	Value (g)
1-2 cartridges	500-550
3-4 cartridges	720-790
5-6 cartridges	795-875
Silencer	120
Vacuum gauge	50

Vacuum flow at recommended feed pressure (0.30 MPa*)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)								
		0	10	20	30	40	50	60	70	80
Pi48-3 x1	2.0	5.6	2.5	1.8	1.1	0.65	0.50	0.35	0.25	0.10
Pi48-3 x2	4.0	11.2	5.0	3.6	2.2	1.3	1.0	0.70	0.50	0.20
Pi48-3 x3	6.0	16.8	7.5	5.4	3.3	1.95	1.5	1.05	0.75	0.30
Pi48-3 x4	8.0	22.4	10.0	7.2	4.4	2.6	2.0	1.4	1.0	0.40
Pi48-3 x5	10.0	23.8	11.3	8.6	5.5	3.25	2.5	1.75	1.25	0.50
Pi48-3 x6	12.0	26.9	12.8	10.3	6.6	3.9	3.0	2.1	1.5	0.60

*Feed pressure tolerance, ± 0.01 MPa.

Vacuum pumps/generators Medium



Evacuation time at recommended feed pressure (0.30 MPa*)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)								
		10	20	30	40	50	60	70	80	90
Pi48-3 x1	2.0	0.020	0.060	0.12	0.25	0.45	0.70	1.0	1.6	4.0
Pi48-3 x2	4.0	0.010	0.030	0.06	0.13	0.23	0.35	0.50	0.80	2.0
Pi48-3 x3	6.0	0.007	0.020	0.04	0.08	0.15	0.23	0.33	0.53	1.33
Pi48-3 x4	8.0	0.005	0.015	0.03	0.06	0.11	0.18	0.25	0.40	1.0
Pi48-3 x5	10.0	0.005	0.014	0.028	0.05	0.09	0.14	0.20	0.32	0.80
Pi48-3 x6	12.0	0.004	0.013	0.025	0.04	0.08	0.12	0.17	0.27	0.67

*Feed pressure tolerance, ± 0.01 MPa.

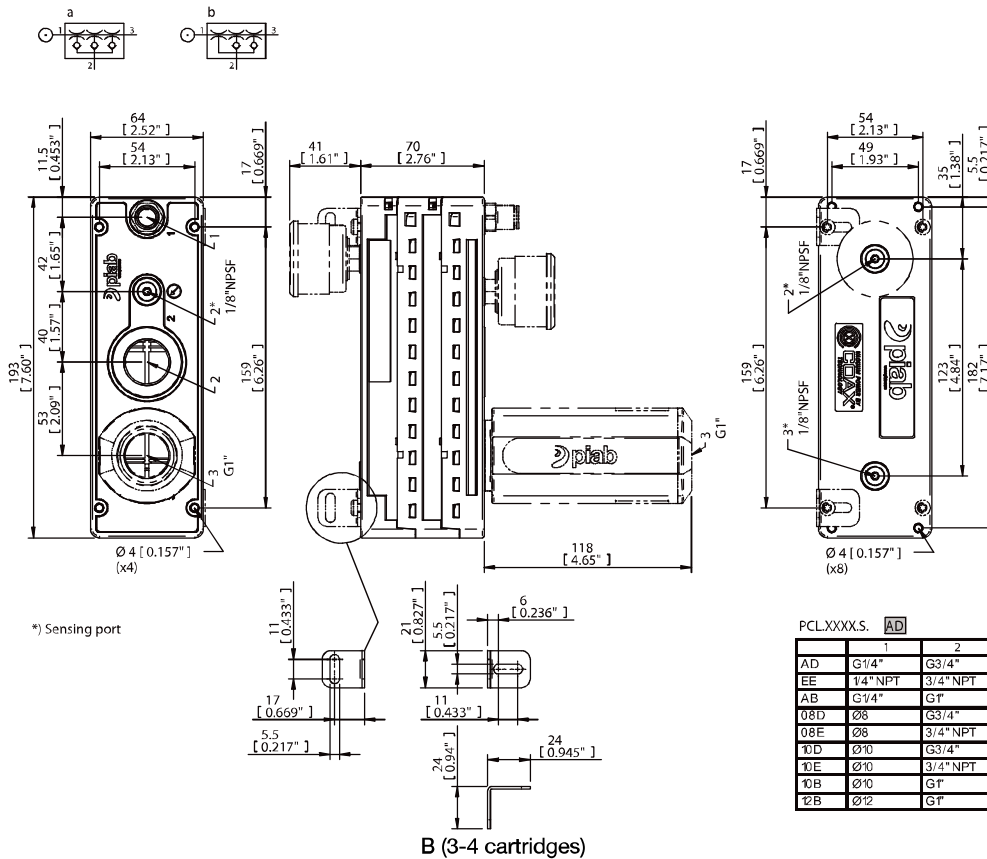
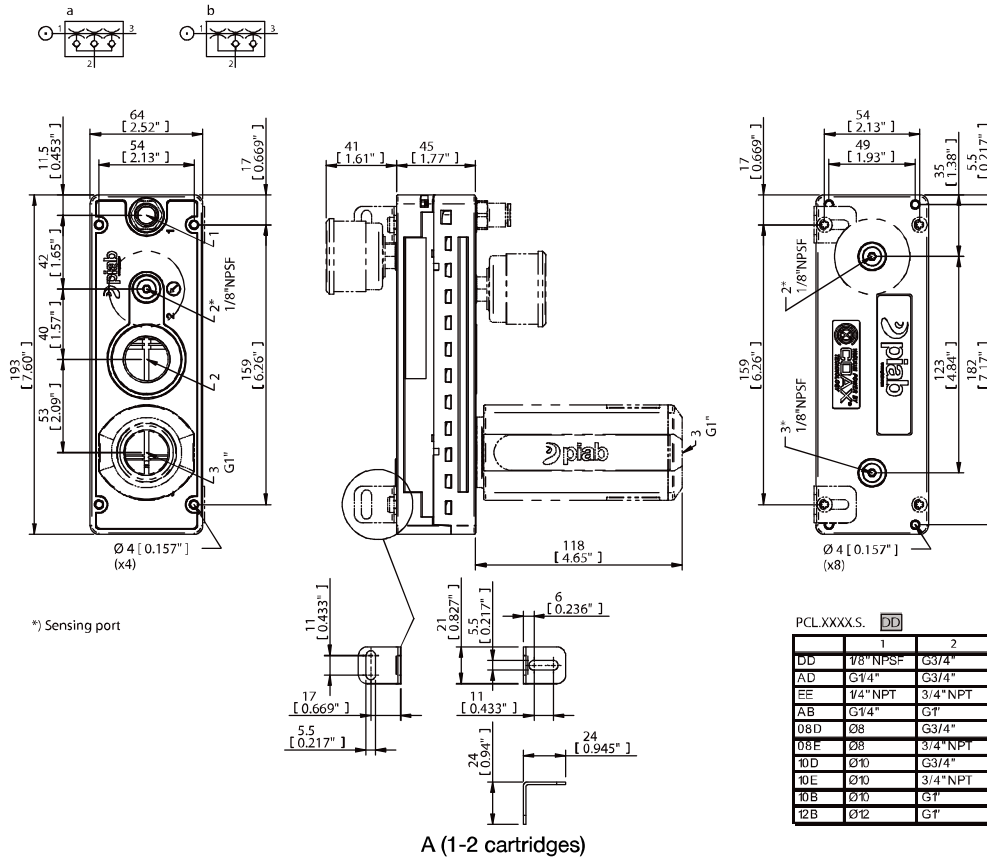
Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
A	COAX® cartridge module Pi48-3x1	P1
A	COAX® cartridge module Pi48-3x2	P2
B	COAX® cartridge module Pi48-3x3	P3
B	COAX® cartridge module Pi48-3x4	P4
C	COAX® cartridge module Pi48-3x5	P5
C	COAX® cartridge module Pi48-3x6	P6
2b. Valve Configuration		piCLASSIC Code
a	Standard	B
b	Non-return valve	A
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
Standard		S
4a. Compressed air connection		piCLASSIC Code
G1/4" female		A
1/4" NPT female		E
1/8" NPSF (G) female		D
*Push-in 8 mm (5/32")-1/4" female		08
*Push-in 10 mm-1/4" female		10
*Push-in 12 mm-1/4" female		12
*Compressed air push-in connector included separately.		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
G1" female		B
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Pi48-3x1, Standard Valve, Nitrile Sealing, Function Standard, Connections Comp. Air G1/4" female--Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.P1BN.S.AD.SV

Vacuum pumps/generators Medium



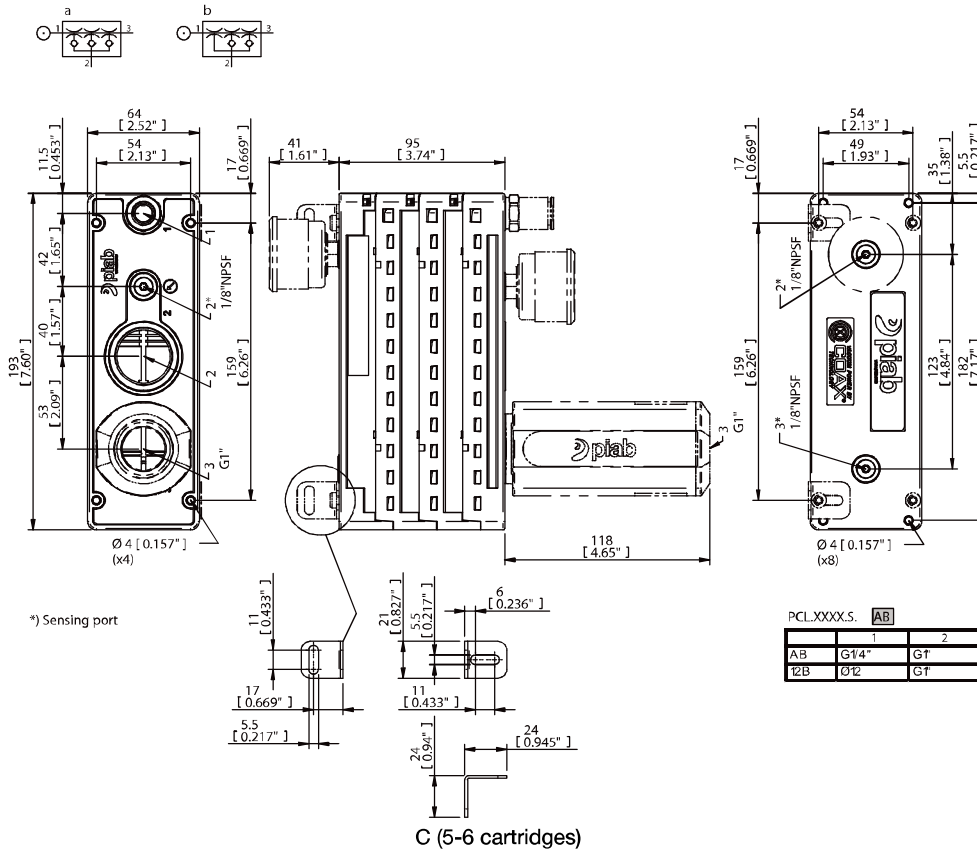
Dimensional drawing for piCLASSIC Pi48-3



Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Pi48-3



piCLASSIC Xi40-3



- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ The Xi cartridge offers high flow at deep vacuum levels to 95 -kPa.
- ▶ Suitable for non-porous applications when deep vacuum level is needed.
- ▶ Large capacity range, available with 1 to 6 COAX® Xi40 three-stage cartridges. A smaller piCLASSIC can easily be upgraded with more capacity if needed.
- ▶ Low-weight, configurable and modular design.
- ▶ Easy disassembly for maintenance.

Technical data

Description	Unit	Value
Feed pressure, optimum	MPa	0.45
Feed pressure, max.	MPa	0.7
Max. vacuum	-kPa	95
Internal volume, vacuum chamber, 1-2 cartridges	cm ³	140
Internal volume, vacuum chamber, 3-4 cartridges	cm ³	246
Internal volume, vacuum chamber, 5-6 cartridges	cm ³	353
Noise level at 40 -kPa & optimal feed pressure	dBA	64-69
Temperature range	°C	-10-80
Materials		PA, Al, SS, NBR (FKM), CuZn

Technical data, specific

Weight	Value (g)
1-2 cartridges	500-550
3-4 cartridges	720-790
5-6 cartridges	795-875
Silencer	120
Vacuum gauge	50

Vacuum flow at recommended feed pressure (0.45 MPa*)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)									
		0	10	20	30	40	50	60	70	80	90
Xi40-3 x1	1.83	5.9	3.0	2.0	1.3	0.73	0.58	0.43	0.32	0.18	0.03
Xi40-3 x2	3.66	11.8	6.0	4.0	2.6	1.46	1.16	0.86	0.64	0.36	0.06
Xi40-3 x3	5.49	17.7	9.0	6.0	3.9	2.19	1.74	1.29	0.96	0.54	0.09
Xi40-3 x4	7.32	23.6	12.0	8.0	5.2	2.92	2.32	1.72	1.28	0.72	0.12
Xi40-3 x5	9.15	25.1	13.5	9.5	6.5	3.65	2.90	2.15	1.60	0.90	0.15
Xi40-3 x6	11.0	28.3	15.3	11.4	7.8	4.38	3.44	2.58	1.92	1.08	0.18

*Feed pressure tolerance, ± 0.01 MPa.

Evacuation time at recommended feed pressure (0.45 MPa*)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)								
		10	20	30	40	50	60	70	80	90
Xi40-3 x1	1.83	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2
Xi40-3 x2	3.66	0.011	0.031	0.06	0.11	0.19	0.29	0.42	0.6	1.1
Xi40-3 x3	5.49	0.007	0.021	0.04	0.07	0.12	0.19	0.28	0.4	0.73
Xi40-3 x4	7.32	0.006	0.016	0.03	0.055	0.09	0.14	0.21	0.3	0.55
Xi40-3 x5	9.15	0.005	0.014	0.026	0.044	0.07	0.11	0.17	0.24	0.44
Xi40-3 x6	11.0	0.005	0.012	0.022	0.040	0.06	0.10	0.14	0.20	0.37

*Feed pressure tolerance, ± 0.01 MPa.

Vacuum pumps/generators Medium



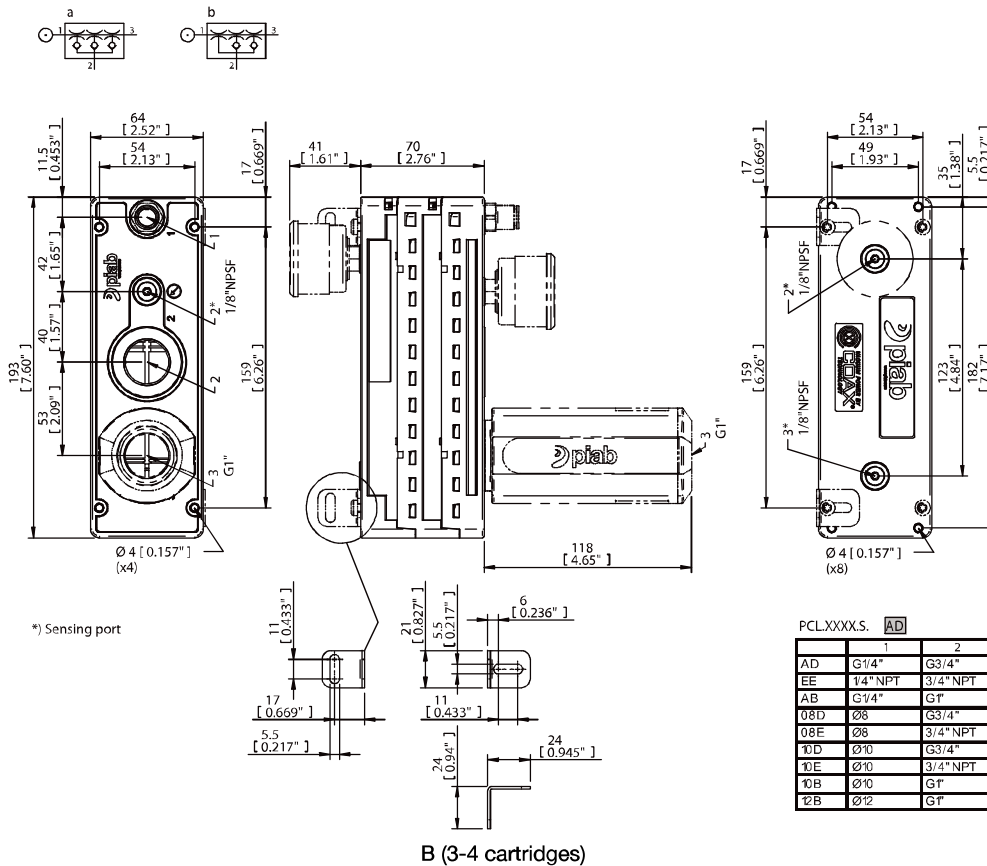
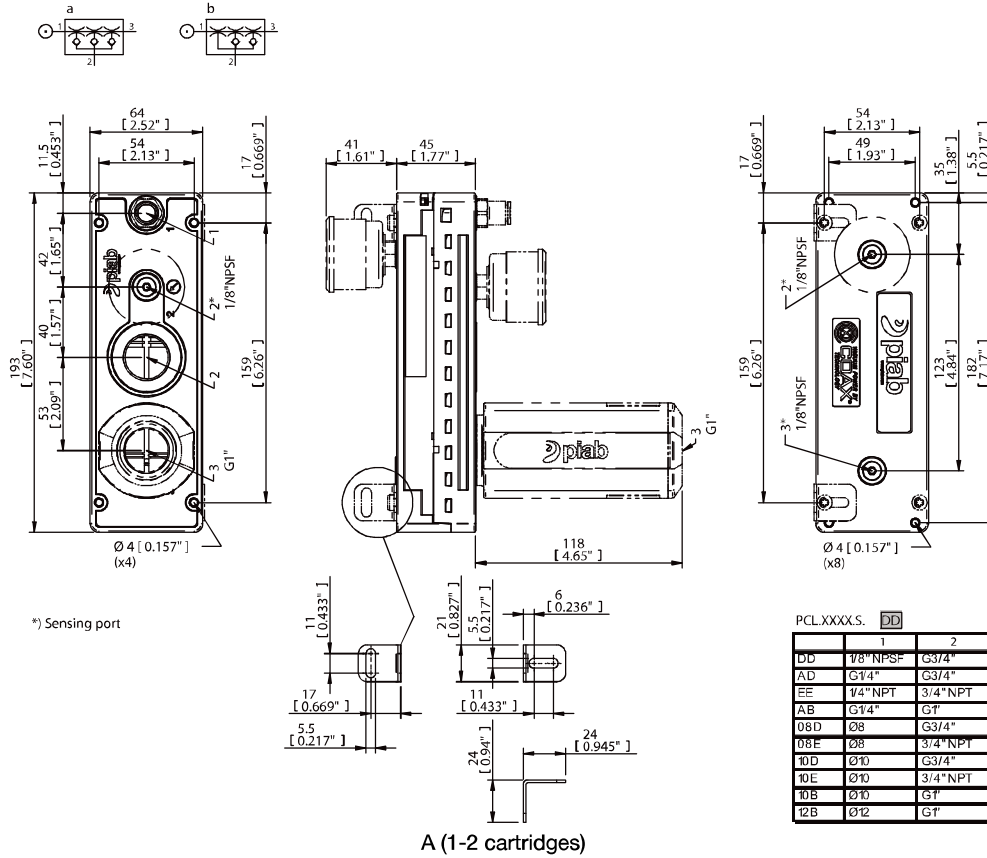
Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
A	COAX® cartridge module Xi40-3x1	X1
A	COAX® cartridge module Xi40-3x2	X2
B	COAX® cartridge module Xi40-3x3	X3
B	COAX® cartridge module Xi40-3x4	X4
C	COAX® cartridge module Xi40-3x5	X5
C	COAX® cartridge module Xi40-3x6	X6
2b. Valve Configuration		piCLASSIC Code
a	Standard	B
b	Non-return valve	A
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
Standard		S
4a. Compressed air connection		piCLASSIC Code
G1/4" female		A
1/4" NPT female		E
1/8" NPSF (G) female		D
*Push-in 8 mm (5/32")-1/4" female		08
*Push-in 10 mm-1/4" female		10
*Push-in 12 mm-1/4" female		12
<i>*Compressed air push-in connector included separately.</i>		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
G1" female		B
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Xi40-3x1, Standard Valve, Nitrile Sealing, Function Standard, Connections Comp. Air G1/4" female- -Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.X1BN.S.AD.SV

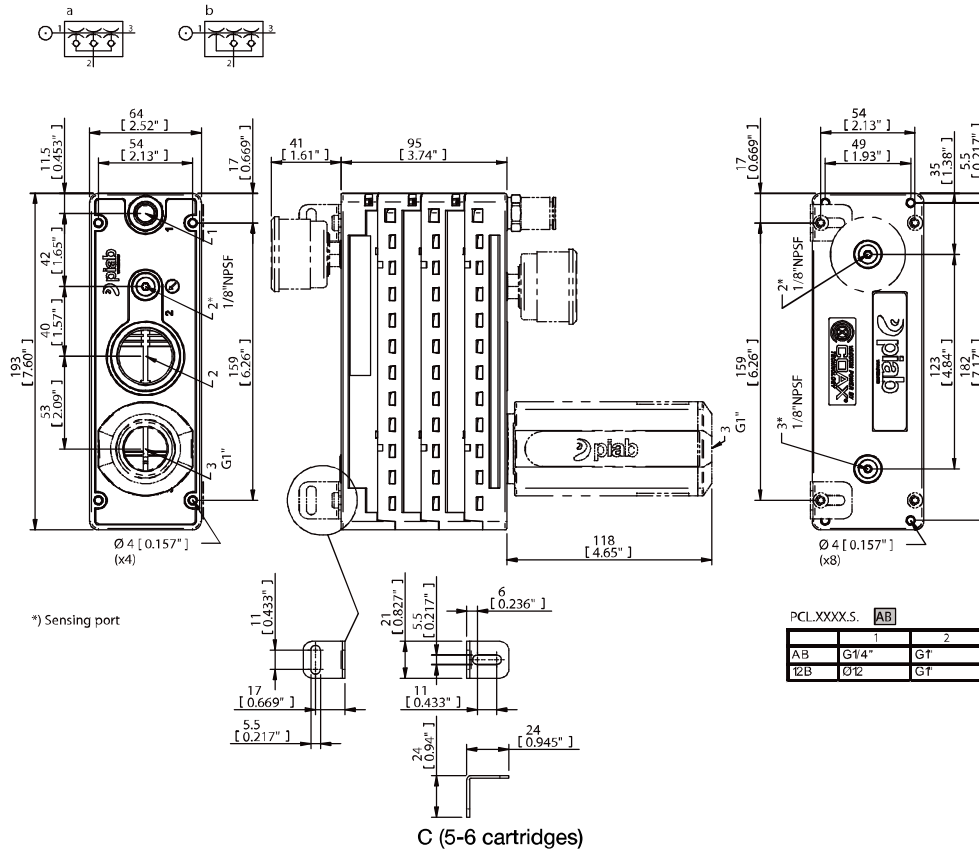
Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Xi40-3



Dimensional drawing for piCLASSIC Xi40-3



Crossover Classic to piCLASSIC

Classic Art. No.	Classic Code No.	piCLASSIC Art. No.	piCLASSIC Code No.
0102133	M25B5-ADN	9904039	PCL.X1BN.S.08D.SV
0102184	M25B6-ADN	9904039	PCL.X1BN.S.08D.SV
0102135	M50B5-ADN	9904034	PCL.X2BN.S.08D.SV
0102113	M50B6-ADN	9904034	PCL.X2BN.S.08D.SV
0102137	M100B5-ADN	9904035	PCL.X3BN.S.08D.SV
0102115	M100B6-ADN	9904035	PCL.X3BN.S.08D.SV
0102136	M50B5-ADNA	9904053	PCL.X2AN.S.08D.SV
0102138	M100B5-ADNA	9904051	PCL.X3AN.S.08D.SV
0102031	M25B5-DN	9904044	PCL.X1BN.S.DD.SV
0100366	M25B6-DN	9904044	PCL.X1BN.S.DD.SV
0102033	M50B5-DN	9904041	PCL.X2BN.S.DD.SV
0100372	M50B6-DN	9904041	PCL.X2BN.S.DD.SV
0102035	M100B5-DN	0126065	piCLASSIC Xi x3, Connection plate DD
0100378	M100B6-DN	0126065	piCLASSIC Xi x3, Connection plate DD
0102411	M25B5-EN	9904038	PCL.X1BN.S.08E.SV
0102395	M25B6-EN	9904038	PCL.X1BN.S.08E.SV
0102413	M50B5-EN	9904036	PCL.X3BN.S.08E.SV
0102397	M50B6-EN	9904036	PCL.X2BN.S.08E.SV
0102415	M100B5-EN	9904037	PCL.X3BN.S.08E.SV
0102399	M100B6-EN	9904037	PCL.X3BN.S.08E.SV

piCLASSIC Si32-3 piSAVE optimize



- ▶ Vacuum controlled proportional pressure regulator (ingranted module for piCLASSIC), a fully pneumatic device.
- ▶ The feed pressure to piCLASSIC is automatically regulated and controlled to maintain the set vacuum level. Air/energy usage is kept to a minimum for the application (optimized).
- ▶ Recommended for leaking and sealed applications to save energy and secure the right vacuum level.
- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ The Si cartridge offers extra good vacuum flow.
- ▶ Air ventilation port with filter.
- ▶ Several push in and threaded air connection sizes to choose from.
- ▶ piSAVE optimize gives maximum feed pressure/ flow to piCLASSIC until vacuum level starts to build up .

Technical data

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Feed pressure, min.	MPa	0.4
Max. vacuum*	-kPa	75
Feed pressure	Pressure drop	0.05 MPa @ 0.7 MPa and 15 NI/s
Operation range	-kPa	30-60
Accuracy	kPa	±3
Max. particle size compressed air	µm	5
Life span	years	5 or 5 million cycle
Internal volume, vacuum chamber, 1-2 cartridges	cm³	140
Internal volume, vacuum chamber, 3-4 cartridges	cm³	246
Internal volume, vacuum chamber, 5-6 cartridges	cm³	353
Noise level at 40 -kPa & optimal feed pressure	dBA	66-77
Temperature range	°C	-10-60
Materials		PA, AI, SS, NBR (FKM), CuZn, HNBR

*) Max vacuum for the pump will be limited by the operating range of piSAVE optimize

Technical data, specific

Weight	Value (g)
1-2 cartridges	768-818
3-4 cartridges	988-1058
5-6 cartridges	1063-1143
Silencer	120
Vacuum gauge	50

Vacuum flow at output pressure (0.6 MPa)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)							
		0	10	20	30	40	50	60	70
Si32-3 x1	1.75	6.00	3.50	2.60	1.70	0.90	0.60	0.50	0.35
Si32-3 x2	3.50	12.0	7.00	5.20	3.40	1.80	1.20	1.00	0.70
Si32-3 x3	5.25	18.0	10.5	7.80	5.10	2.70	1.80	1.50	1.10
Si32-3 x4	7.00	24.0	14.0	10.4	6.80	3.60	2.40	2.00	1.40
Si32-3 x5	8.75	25.5	15.8	12.4	8.50	4.50	3.00	2.50	2.10
Si32-3 x6	10.5	28.8	17.9	14.8	10.2	5.40	3.60	3.00	2.20

Evacuation time at output pressure (0.6 MPa)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)						
		10	20	30	40	50	60	70
Si32-3 x1	1.75	0.02	0.05	0.10	0.18	0.33	0.53	0.80
Si32-3 x2	3.50	0.01	0.025	0.05	0.09	0.17	0.27	0.40
Si32-3 x3	5.25	0.007	0.017	0.033	0.06	0.11	0.18	0.27
Si32-3 x4	7.00	0.005	0.013	0.025	0.045	0.083	0.13	0.20
Si32-3 x5	8.75	0.005	0.012	0.022	0.036	0.066	0.11	0.16
Si32-3 x6	10.5	0.004	0.010	0.018	0.03	0.055	0.09	0.13

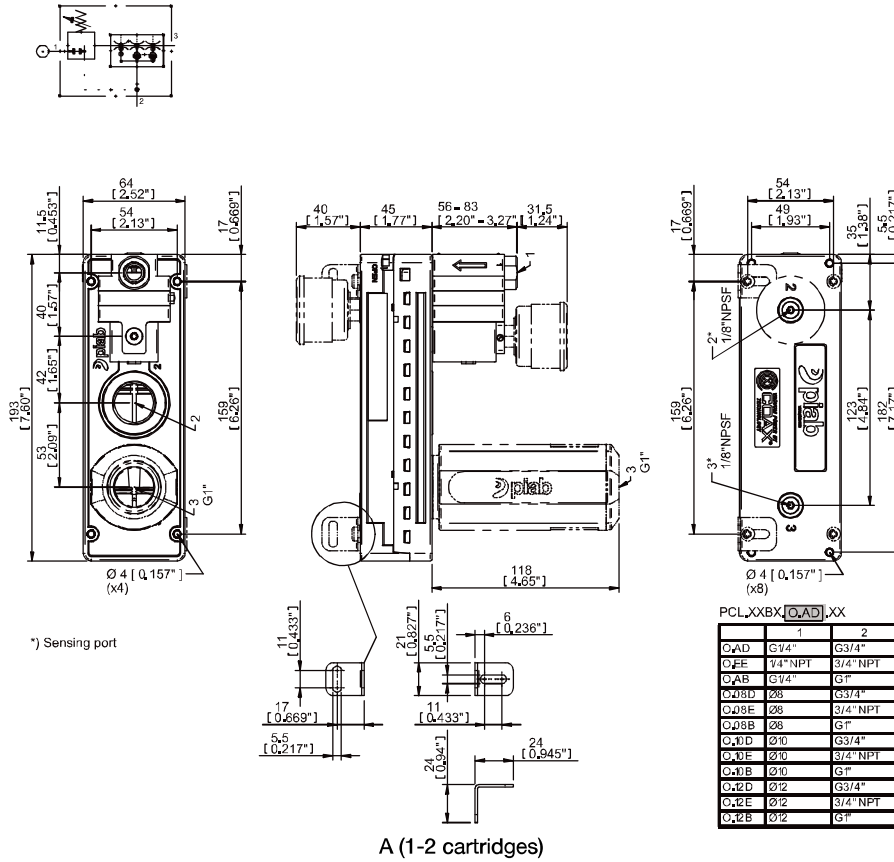
Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
A	COAX® cartridge module Si32-3x1	S1
A	COAX® cartridge module Si32-3x2	S2
B	COAX® cartridge module Si32-3x3	S3
B	COAX® cartridge module Si32-3x4	S4
C	COAX® cartridge module Si32-3x5	S5
C	COAX® cartridge module Si32-3x6	S6
2b. Valve Configuration		piCLASSIC Code
a	Standard	B
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
piSAVE optimize		O
4a. Compressed air connection		piCLASSIC Code
G1/4" female		A
1/4" NPT female		E
*Push-in 8 mm (5/16")-1/4" female		08
*Push-in 10 mm-1/4" female		10
*Push-in 12 mm-1/4" female		12
<i>*Compressed air push-in connector included separately.</i>		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
G1" female		B
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Si32-3x1, Standard Valve, Nitrile Sealing, Function piSAVE optimize, Connections Comp. Air G1/4" female--Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.S1BN.O.AD.SV

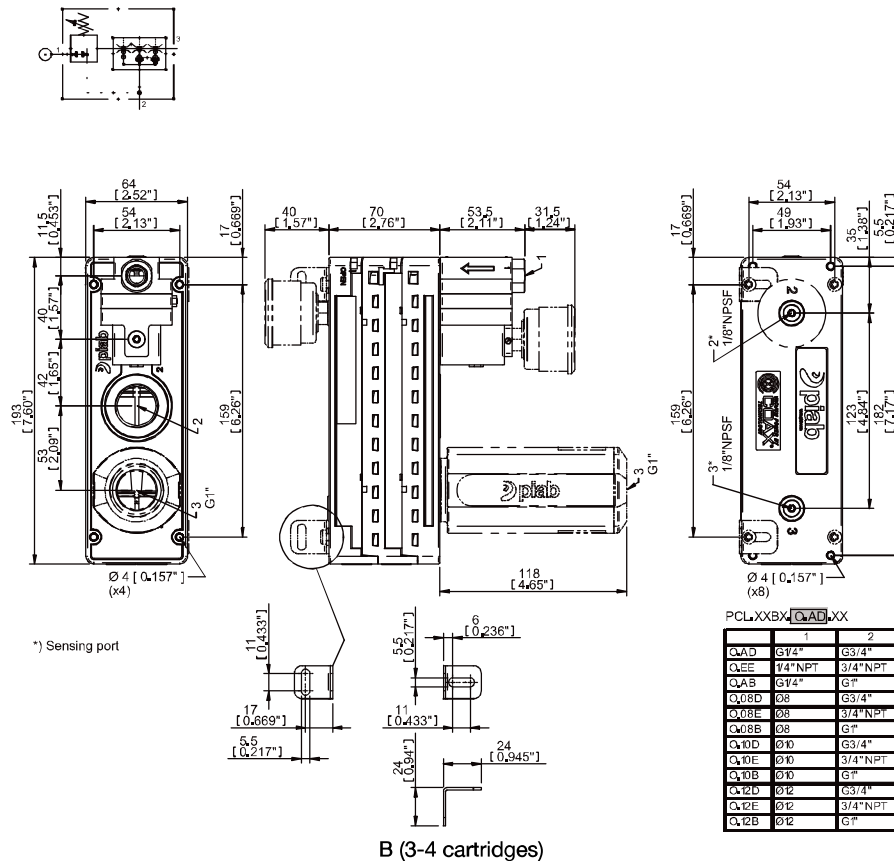
Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Si32-3 with piSAVE optimize



Dimensional drawing for piCLASSIC Si32-3 with piSAVE optimize

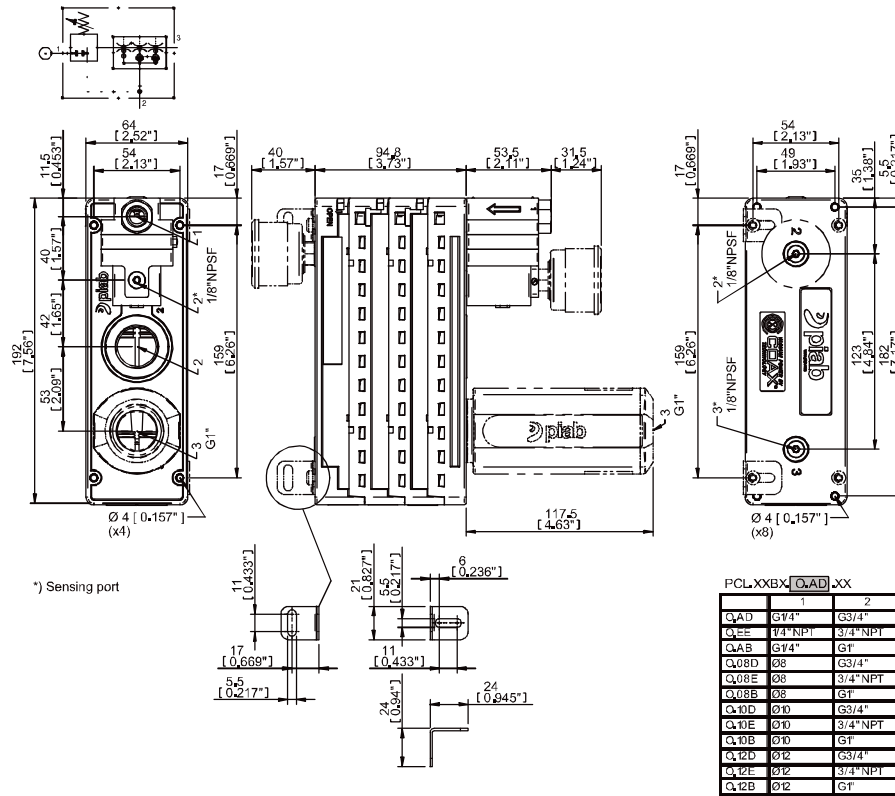


Specifications subject to change without notice.

Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Si32-3 with piSAVE optimize



C (5-6 cartridges)

Ordering information, accessories

Description	Art. No.
Silencer G3/4" with thread insert 1" - 3/4"	0126362

Recommended for piCLASSIC pumps with 1-2 cartridges. Choose a piCLASSIC without Silencer G 1" in the ordering code.

piCLASSIC Pi48-3 piSAVE optimize



- ▶ Vacuum controlled proportional pressure regulator (ingranted module for piCLASSIC), a fully pneumatic device.
- ▶ The feed pressure to piCLASSIC is automatically regulated and controlled to maintain the set vacuum level. Air/energy usage is kept to a minimum for the application (optimized).
- ▶ Recommended for leaking and sealed applications to save energy and secure the right vacuum level.
- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ High performance reliability in cases of fluctuating or low compressed air pressure. Deep vacuum level achieved at very low feed pressure, 0.31 MPa.
- ▶ Air ventilation port with filter.
- ▶ Several push in and threaded air connection sizes to choose from.
- ▶ piSAVE optimize gives maximum feed pressure/ flow to piCLASSIC until vacuum level starts to build up.

Technical data

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Feed pressure, min.	MPa	0.4
Max. vacuum*	-kPa	90
Feed pressure	Pressure drop	0.05 MPa @ 0.7 MPa and 15 NI/s
Operation range	-kPa	30-60
Accuracy	kPa	±3
Max. particle size compressed air	µm	5
Life span	years	5 or 5 million cycle
Internal volume, vacuum chamber, 1-2 cartridges	cm³	140
Internal volume, vacuum chamber, 3-4 cartridges	cm³	246
Internal volume, vacuum chamber, 5-6 cartridges	cm³	353
Noise level at 40 -kPa & optimal feed pressure	dBA	66-77
Temperature range	°C	-10-60
Materials		PA, AI, SS, NBR (FKM), CuZn, HNBR

*) Max vacuum for the pump will be limited by the operating range of piSAVE optimize

Technical data, specific

Weight	Value (g)
1-2 cartridges	768-818
3-4 cartridges	988-1058
5-6 cartridges	1063-1143
Silencer	120
Vacuum gauge	50

Vacuum flow at output pressure (0.30 MPa)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)								
		0	10	20	30	40	50	60	70	80
Pi48-3 x1	2.0	5.6	2.5	1.8	1.1	0.65	0.50	0.35	0.25	0.10
Pi48-3 x2	4.0	11.2	5.0	3.6	2.2	1.3	1.0	0.70	0.50	0.20
Pi48-3 x3	6.0	16.8	7.5	5.4	3.3	1.95	1.5	1.05	0.75	0.30
Pi48-3 x4	8.0	22.4	10.0	7.2	4.4	2.6	2.0	1.4	1.0	0.40
Pi48-3 x5	10.0	23.8	11.3	8.6	5.5	3.25	2.5	1.75	1.25	0.50
Pi48-3 x6	12.0	26.9	12.8	10.3	6.6	3.9	3.0	2.1	1.5	0.60

Specifications subject to change without notice.

Vacuum pumps/generators Medium



Evacuation time at output pressure (0.30 MPa)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)								
		10	20	30	40	50	60	70	80	90
Pi48-3 x1	2.0	0.020	0.060	0.12	0.25	0.45	0.70	1.0	1.6	4.0
Pi48-3 x2	4.0	0.010	0.030	0.06	0.13	0.23	0.35	0.50	0.80	2.0
Pi48-3 x3	6.0	0.007	0.020	0.04	0.08	0.15	0.23	0.33	0.53	1.33
Pi48-3 x4	8.0	0.005	0.015	0.03	0.06	0.11	0.18	0.25	0.40	1.0
Pi48-3 x5	10.0	0.005	0.014	0.028	0.05	0.09	0.14	0.20	0.32	0.80
Pi48-3 x6	12.0	0.004	0.013	0.025	0.04	0.08	0.12	0.17	0.27	0.67

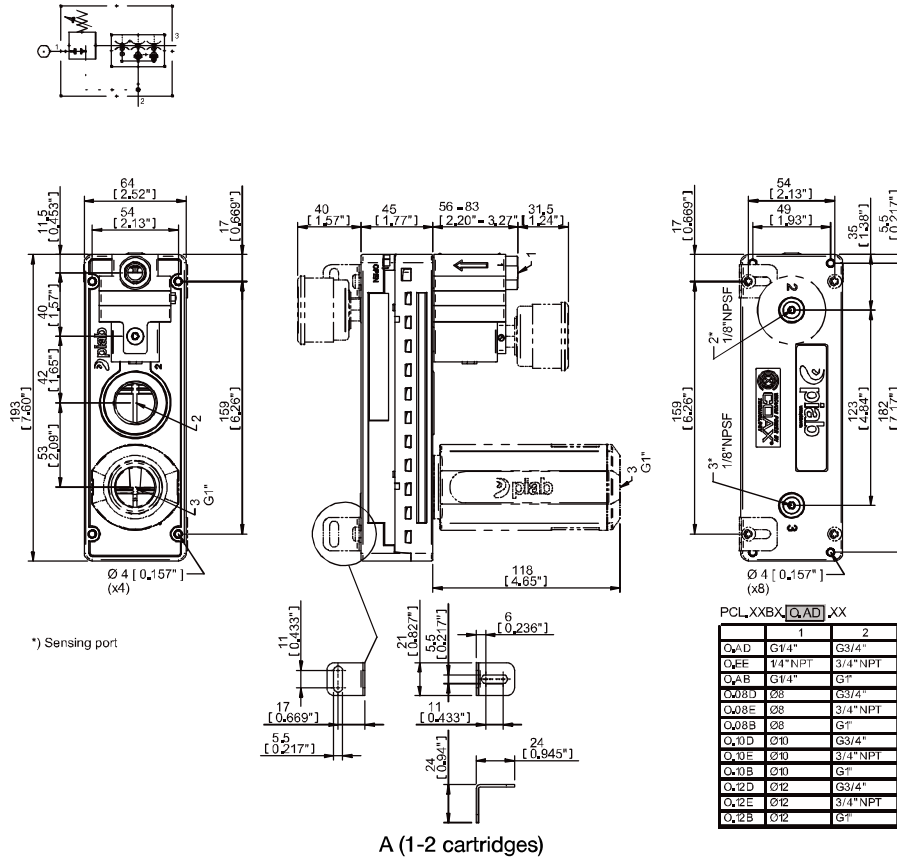
Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
A	COAX® cartridge module Pi48-3x1	P1
A	COAX® cartridge module Pi48-3x2	P2
B	COAX® cartridge module Pi48-3x3	P3
B	COAX® cartridge module Pi48-3x4	P4
C	COAX® cartridge module Pi48-3x5	P5
C	COAX® cartridge module Pi48-3x6	P6
2b. Valve Configuration		piCLASSIC Code
a	Standard	B
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
piSAVE optimize		S
4a. Compressed air connection		piCLASSIC Code
G1/4" female		A
1/4" NPT female		E
*Push-in 8 mm (5/16")-1/4" female		08
*Push-in 10 mm-1/4" female		10
*Push-in 12 mm-1/4" female		12
<i>*Compressed air push-in connector included separately.</i>		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
G1" female		B
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Pi48-3x1, Standard Valve, Nitrile Sealing, Function piSAVE optimize, Connections Comp. Air G1/4" female--Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.P1BN.O.AD.SV

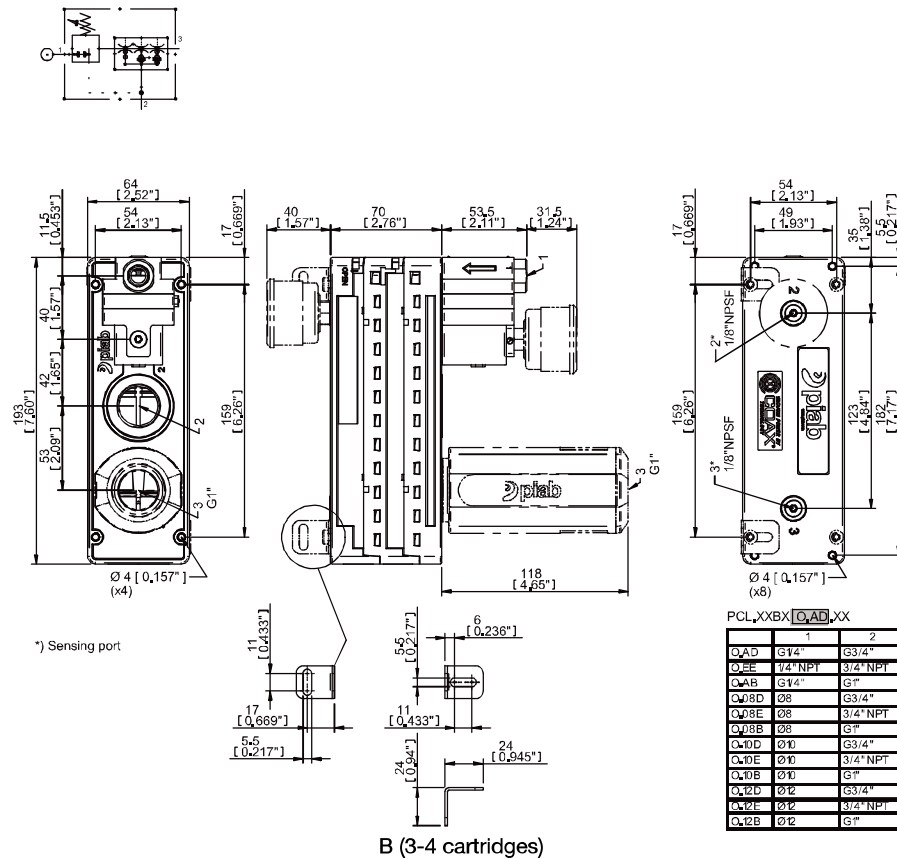
Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Pi48-3 with piSAVE optimize



Dimensional drawing for piCLASSIC Pi48-3 with piSAVE optimize

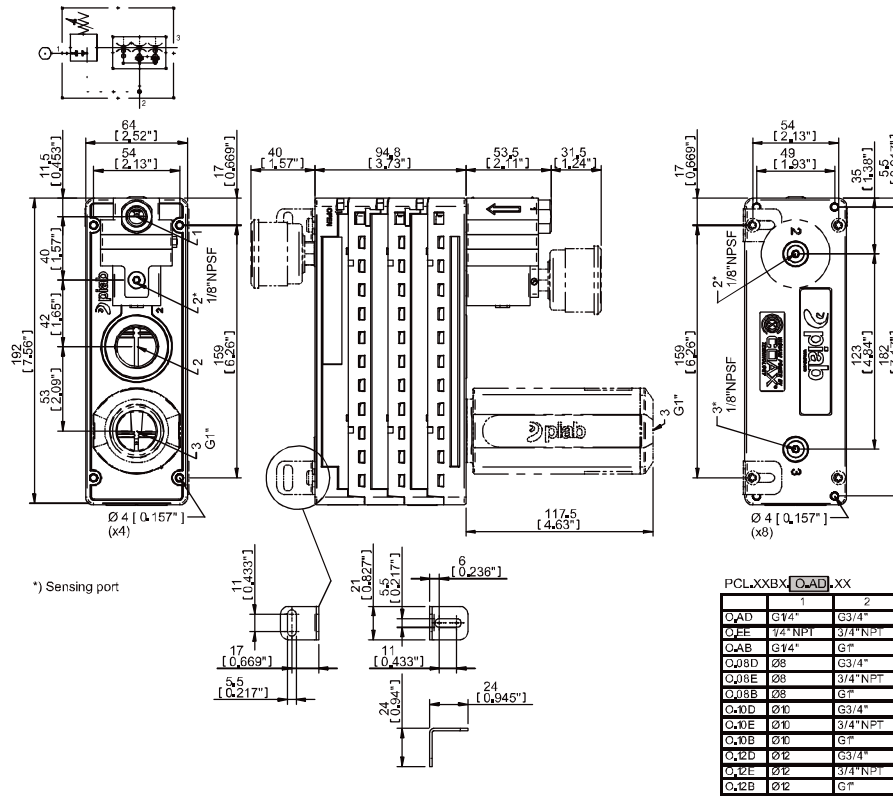


Specifications subject to change without notice.

Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Pi48-3 with piSAVE optimize



C (5-6 cartridges)

Ordering information, accessories

Description	Art. No.
Silencer G3/4" with thread insert 1" - 3/4"	0126362

Recommended for piCLASSIC pumps with 1-2 cartridges. Choose a piCLASSIC without Silencer G 1" in the ordering code.

piCLASSIC Xi40-3 piSAVE optimize



- ▶ Vacuum controlled proportional pressure regulator (ingranted module for piCLASSIC), a fully pneumatic device
- ▶ The feed pressure to piCLASSIC is automatically regulated and controlled to maintain the set vacuum level. Air/energy usage is kept to a minimum for the application (optimized).
- ▶ Recommended for leaking and sealed applications to save energy and secure the right vacuum level.
- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ The Xi cartridge offers high flow at deep vacuum levels to 95 -kPa.
- ▶ Air ventilation port with filter
- ▶ Several push in and threaded air connection sizes to choose from
- ▶ piSAVE optimize gives maximum feed pressure/ flow to piCLASSIC until vacuum level starts to build up.

Technical data

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Feed pressure, min.	MPa	0.4
Max. vacuum*	-kPa	95
Feed pressure	Pressure drop	0.05 MPA @ 0.7 MPa and 15 NI/s
Operation range	-kPa	30-60
Accuracy	kPa	±3
Max. particle size compressed air	µm	5
Life span	years	5 or 5 million cycle
Internal volume, vacuum chamber, 1-2 cartridges	cm³	140
Internal volume, vacuum chamber, 3-4 cartridges	cm³	246
Internal volume, vacuum chamber, 5-6 cartridges	cm³	353
Noise level at 40 -kPa & optimal feed pressure	dBA	66-77
Temperature range	°C	-10-60
Materials		PA, Al, SS, NBR (FKM), CuZn, HNBR

*) Max vacuum for the pump will be limited by the operating range of piSAVE optimize

Technical data, specific

Weight	Value (g)
1-2 cartridges	768-818
3-4 cartridges	988-1058
5-6 cartridges	1063-1143
Silencer	120
Vacuum gauge	50

Vacuum flow at output pressure (0.45 MPa)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)									
		0	10	20	30	40	50	60	70	80	90
Xi40-3 x1	1.83	5.9	3.0	2.0	1.3	0.73	0.58	0.43	0.32	0.18	0.03
Xi40-3 x2	3.66	11.8	6.0	4.0	2.6	1.46	1.16	0.86	0.64	0.36	0.06
Xi40-3 x3	5.49	17.7	9.0	6.0	3.9	2.19	1.74	1.29	0.96	0.54	0.09
Xi40-3 x4	7.32	23.6	12.0	8.0	5.2	2.92	2.32	1.72	1.28	0.72	0.12
Xi40-3 x5	9.15	25.1	13.5	9.5	6.5	3.65	2.90	2.15	1.60	0.90	0.15
Xi40-3 x6	11.0	28.3	15.3	11.4	7.8	4.38	3.44	2.58	1.92	1.08	0.18

Evacuation time at output pressure (0.45 MPa)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)								
		10	20	30	40	50	60	70	80	90
Xi40-3 x1	1.83	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2
Xi40-3 x2	3.66	0.011	0.031	0.06	0.11	0.19	0.29	0.42	0.6	1.1
Xi40-3 x3	5.49	0.007	0.021	0.04	0.07	0.12	0.19	0.28	0.4	0.73
Xi40-3 x4	7.32	0.006	0.016	0.03	0.055	0.09	0.14	0.21	0.3	0.55
Xi40-3 x5	9.15	0.005	0.014	0.026	0.044	0.07	0.11	0.17	0.24	0.44
Xi40-3 x6	11.0	0.005	0.012	0.022	0.040	0.06	0.10	0.14	0.20	0.37

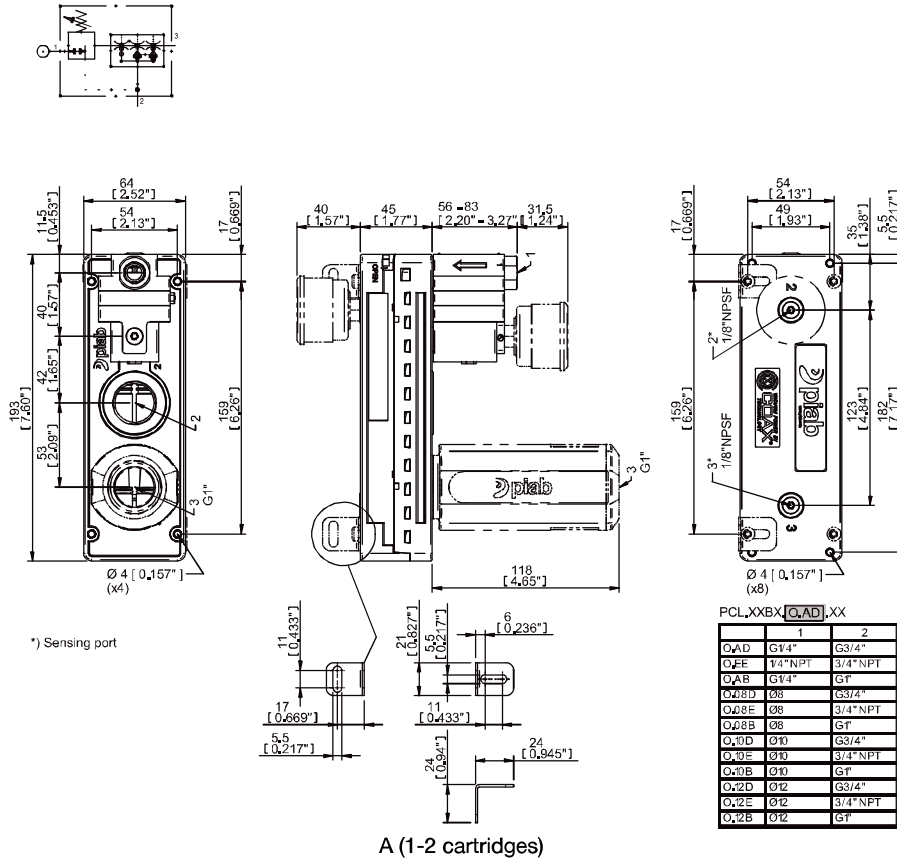
Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
A	COAX® cartridge module Xi40-3x1	X1
A	COAX® cartridge module Xi40-3x2	X2
B	COAX® cartridge module Xi40-3x3	X3
B	COAX® cartridge module Xi40-3x4	X4
C	COAX® cartridge module Xi40-3x5	X5
C	COAX® cartridge module Xi40-3x6	X6
2b. Valve Configuration		piCLASSIC Code
a	Standard	B
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
piSAVE optimize		O
4a. Compressed air connection		piCLASSIC Code
G1/4" female		A
1/4" NPT female		E
*Push-in 8 mm (5/16")-1/4" female		08
*Push-in 10 mm-1/4" female		10
*Push-in 12 mm-1/4" female		12
<i>*Compressed air push-in connector included separately.</i>		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
G1" female		B
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Xi40-3x1, Standard Valve, Nitrile Sealing, Function piSAVE optimize, Connections Comp. Air G1/4" female--Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.X1BN.O.AD.SV

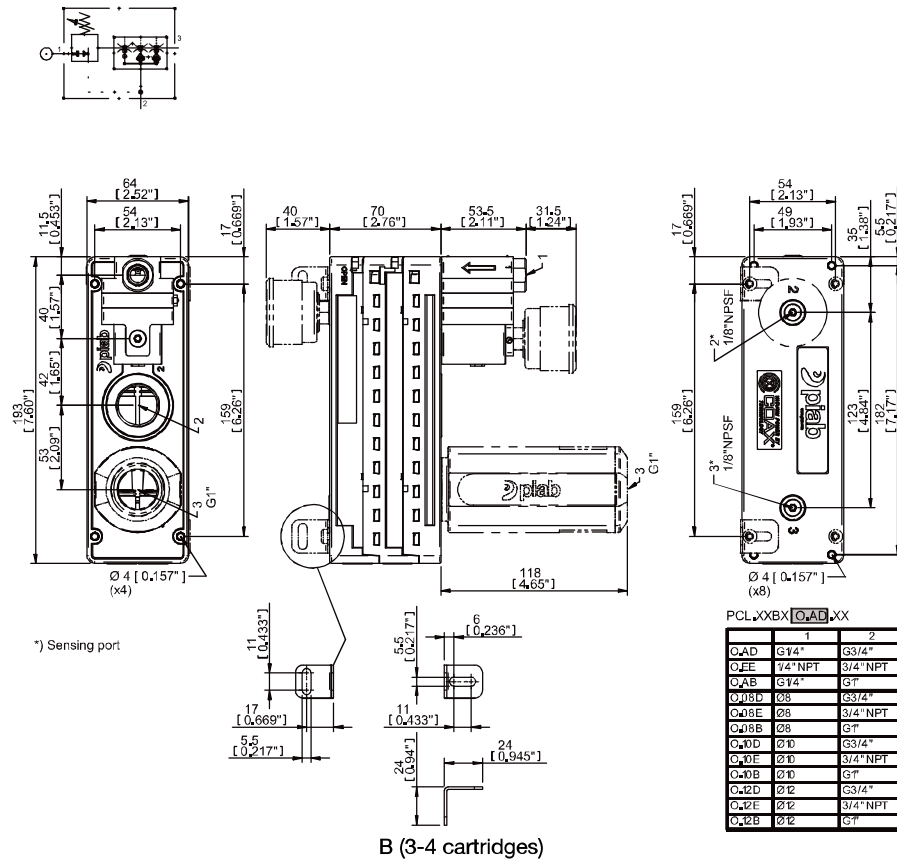
Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Xi40-3 with piSAVE optimize



Dimensional drawing for piCLASSIC Xi40-3 with piSAVE optimize

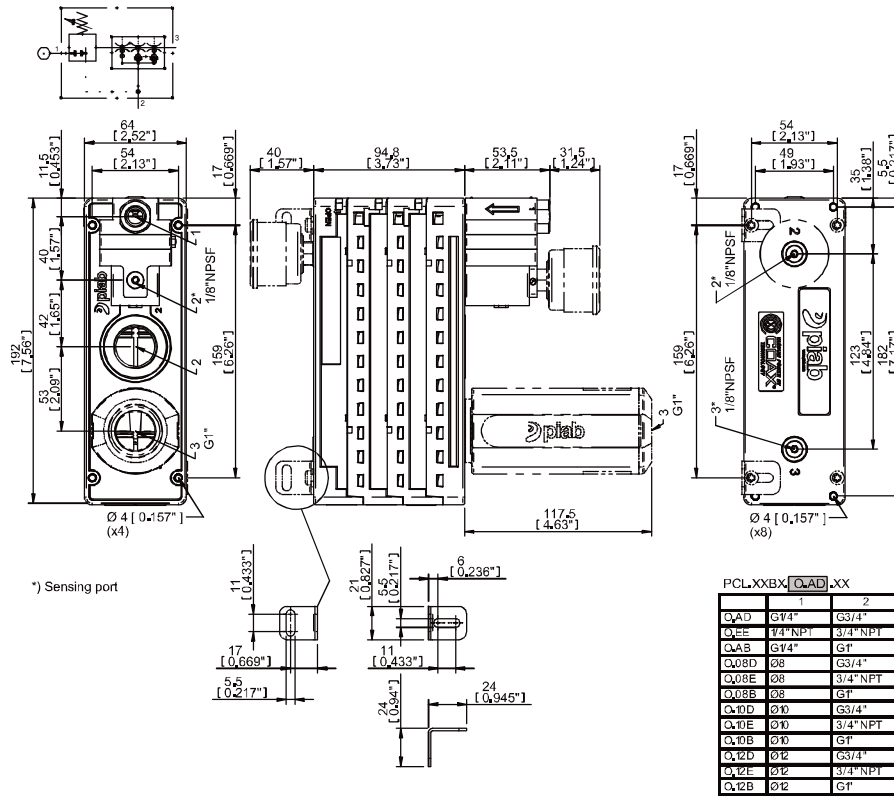


Specifications subject to change without notice.

Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Xi40-3 with piSAVE optimize



Ordering information, accessories

Description	Art. No.
Silencer G3/4" with thread insert 1" - 3/4"	0126362

Recommended for piCLASSIC pumps with 1-2 cartridges. Choose a piCLASSIC without Silencer G 1" in the ordering code.

piCLASSIC Si32-3 Energy Saving



- ▶ Integrated Energy Saving device, results in a large air-consumption reduction.
- ▶ Recommended for sealed or almost sealed applications.
- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ The Si cartridge offers extra good vacuum flow.
- ▶ Available with 1 to 4 COAX® Si32 three-stage cartridges.
- ▶ Low-weight, configurable and modular design.
- ▶ Easy disassembly for maintenance.

Technical data

Description	Unit	Value
Feed pressure, optimum	MPa	0.60
Feed pressure, max.	MPa	0.7
Max. vacuum	-kPa	75
Internal volume, vacuum chamber, 1-2 cartridges	cm ³	140
Internal volume, vacuum chamber, 3-4 cartridges	cm ³	246
Noise level at 40 -kPa & optimal feed pressure	dBA	66-77
Temperature range	°C	-10-60
Materials		PA, Al, SS, NBR (FKM), CuZn, POM
Hysteresis	kPa	12
Kv, Flow @ P1=0.6 MPa and Δp=0.1 Mpa	NI/s	7.8
Life span	cycles	>10,000,000

Technical data, specific

Weight	Value (g)
1-2 cartridges	600-630
3-4 cartridges	820-870
Silencer	120
Vacuum gauge	50

Vacuum flow at recommended feed pressure (0.6 MPa*)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)							
		0	10	20	30	40	50	60	70
Si32-3 x1	1.75	6.00	3.50	2.60	1.70	0.90	0.60	0.50	0.35
Si32-3 x2	3.50	12.0	7.00	5.20	3.40	1.80	1.20	1.00	0.70
Si32-3 x3	5.25	18.0	10.5	7.80	5.10	2.70	1.80	1.50	1.10
Si32-3 x4	7.00	24.0	14.0	10.4	6.80	3.60	2.40	2.00	1.40

*Feed pressure tolerance, ± 0.01 MPa.

Evacuation time at recommended feed pressure (0.6 MPa*)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)						
		10	20	30	40	50	60	70
Si32-3 x1	1.75	0.02	0.05	0.10	0.18	0.33	0.53	0.80
Si32-3 x2	3.50	0.01	0.025	0.05	0.09	0.17	0.27	0.40
Si32-3 x3	5.25	0.007	0.017	0.033	0.06	0.11	0.18	0.27
Si32-3 x4	7.00	0.005	0.013	0.025	0.045	0.083	0.13	0.20

*Feed pressure tolerance, ± 0.01 MPa.

Vacuum pumps/generators Medium



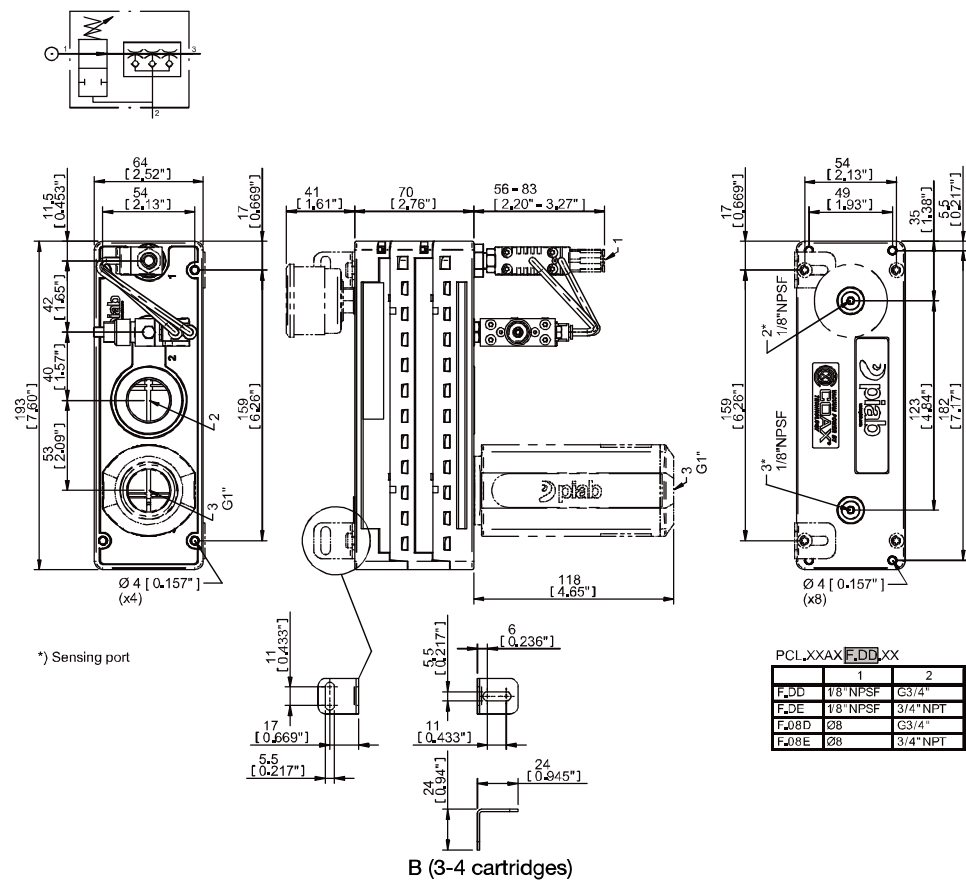
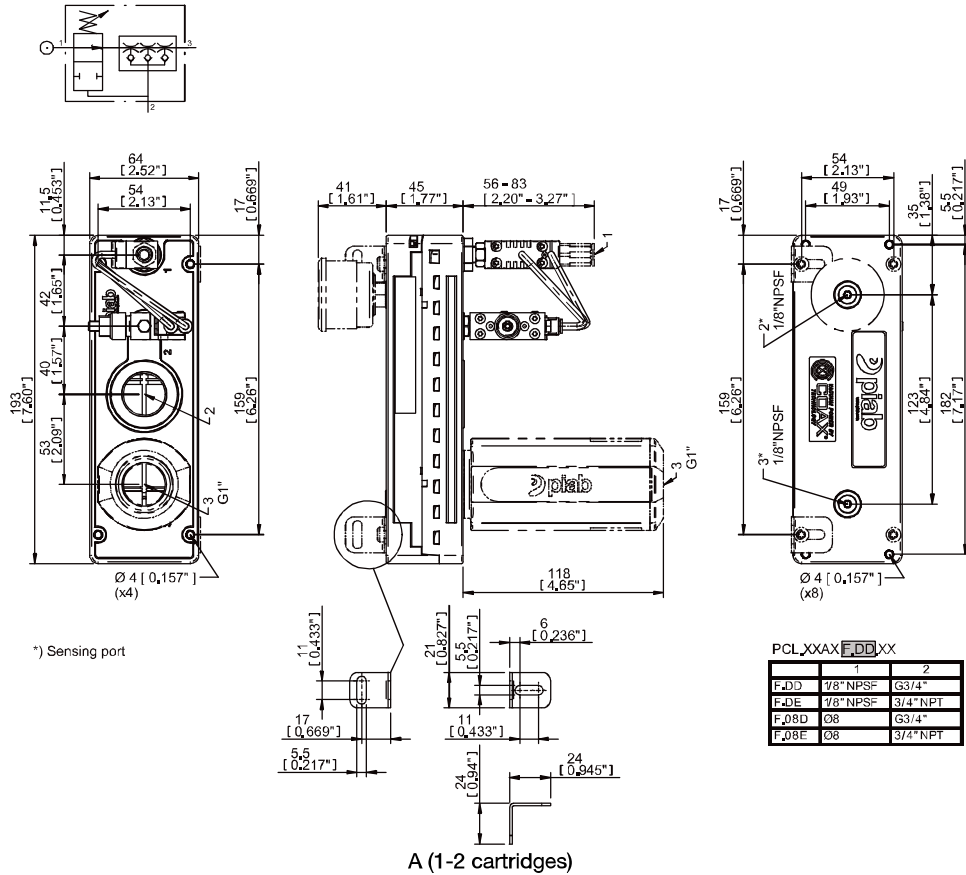
Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
A	COAX® cartridge module Si32-3x1	S1
A	COAX® cartridge module Si32-3x2	S2
B	COAX® cartridge module Si32-3x3	S3
B	COAX® cartridge module Si32-3x4	S4
2b. Valve Configuration		piCLASSIC Code
b	Non-return valve	A
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
Energy saving system (ES)		F
4a. Compressed air connection		piCLASSIC Code
1/8" NPSF (G) female		D
*Push-in 8 mm (5/32")-1/4" female		08
<i>*Compressed air push-in connector included separately.</i>		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Si32-3x1, Non-return Valve, Nitrile Sealing, Energy saving Function, Connections Comp. Air 1/8" NPSF (G) female--Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.S1AN.F.DD.SV

Vacuum pumps/generators Medium



Dimensional drawing for piCLASSIC Si32-3 ES



piCLASSIC Pi48-3 Energy Saving



- ▶ Integrated Energy Saving device, results in a large air-consumption reduction.
- ▶ Recommended for sealed or almost sealed applications.
- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ High performance reliability in cases of fluctuating or low compressed air pressure.
- ▶ Deep vacuum level achieved at very low feed pressure, 0.3 MPa.
- ▶ Available with 1 or 2 COAX® Pi48 three-stage cartridges.
- ▶ Low-weight, configurable and modular design.
- ▶ Easy disassembly for maintenance.

Technical data

Description	Unit	Value
Feed pressure, optimum	MPa	0.30
Feed pressure, max.	MPa	0.7
Max. vacuum	-kPa	90
Internal volume, vacuum chamber, 1-2 cartridges	cm ³	140
Noise level at 40 -kPa & optimal feed pressure	dB(A)	65-68
Temperature range	°C	-10-60
Materials		PA, Al, SS, NBR (FKM), CuZn, POM
Hysteresis	kPa	12
Kv, Flow @ P1=0.6 MPa and Δp=0.1 Mpa	NI/s	7.8
Life span	cycles	>10,000,000

Technical data, specific

Weight	Value (g)
1-2 cartridges	600-630
Silencer	120
Vacuum gauge	50

Vacuum flow at recommended feed pressure (0.30 MPa*)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)									
		0	10	20	30	40	50	60	70	80	
Pi48-3 x1	2.0	5.6	2.5	1.8	1.1	0.65	0.50	0.35	0.25	0.10	
Pi48-3 x2	4.0	11.2	5.0	3.6	2.2	1.3	1.0	0.70	0.50	0.20	

*Feed pressure tolerance, ± 0.01 MPa.

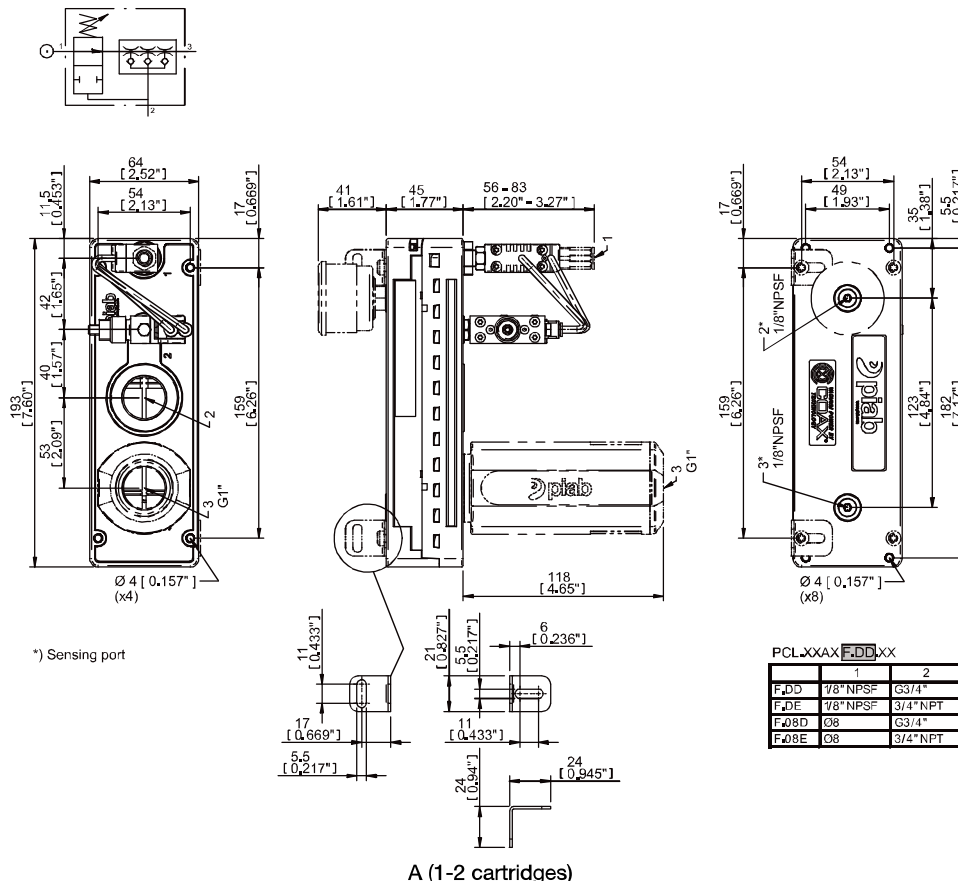
Evacuation time at recommended feed pressure (0.30 MPa*)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)									
		10	20	30	40	50	60	70	80	90	
Pi48-3 x1	2.0	0.020	0.060	0.12	0.25	0.45	0.70	1.0	1.6	4.0	
Pi48-3 x2	4.0	0.010	0.030	0.06	0.13	0.23	0.35	0.50	0.80	2.0	

*Feed pressure tolerance, ± 0.01 MPa.

Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
COAX® cartridge module Pi48-3x1		P1
COAX® cartridge module Pi48-3x2		P2
2b. Valve Configuration		piCLASSIC Code
b Non-return valve		A
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
Energy saving system (ES)		F
4a. Compressed air connection		piCLASSIC Code
1/8" NPSF (G) female		D
*Push-in 8 mm (5/32")-1/4" female		08
*Compressed air push-in connector included separately.		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Pi48-3x1, Non-return Valve, Nitrile Sealing, Energy saving Function, Connections Comp. Air 1/8" NPSF (G) female--Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.P1AN.F.DD.SV



PCL-XXAX **F,DD** XX

	1	2
F,DD	1/8" NPSF	G3/4"
F,DE	1/8" NPSF	3/4" NPT
F,08D	O8	G3/4"
F,08E	O8	3/4" NPT

piCLASSIC Xi40-3 Energy Saving



- ▶ Integrated Energy Saving device, results in a large air-consumption reduction.
- ▶ Recommended for sealed or almost sealed applications.
- ▶ Patented COAX® technology inside – the most energy efficient ejector technology.
- ▶ The Xi cartridge offers high flow at deep vacuum levels to 95 -kPa.
- ▶ Available with 1 to 3 COAX® Xi40 three-stage cartridges.
- ▶ Low-weight, configurable and modular design.
- ▶ Easy disassembly for maintenance.

Technical data

Description	Unit	Value
Feed pressure, optimum	MPa	0.45
Feed pressure, max.	MPa	0.7
Max. vacuum	-kPa	95
Internal volume, vacuum chamber, 1-2 cartridges	cm ³	140
Internal volume, vacuum chamber, 3 cartridges	cm ³	246
Noise level at 40 -kPa & optimal feed pressure	dB(A)	64-69
Temperature range	°C	-10-60
Materials		PA, Al, SS, NBR (FKM), CuZn, POM
Hysteresis	kPa	12
Kv, Flow @ P1=0.6 MPa and Δp=0.1 Mpa	NI/s	7.8
Life span	cycles	>10,000,000

Technical data, specific

Weight	Value (g)
1-2 cartridges	600-630
3 cartridges	820
Silencer	120
Vacuum gauge	50

Vacuum flow at recommended feed pressure (0.45 MPa*)

COAX® cartridge	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)									
		0	10	20	30	40	50	60	70	80	90
Xi40-3 x1	1.83	5.9	3.0	2.0	1.3	0.73	0.58	0.43	0.32	0.18	0.03
Xi40-3 x2	3.66	11.8	6.0	4.0	2.6	1.46	1.16	0.86	0.64	0.36	0.06
Xi40-3 x3	5.49	17.7	9.0	6.0	3.9	2.19	1.74	1.29	0.96	0.54	0.09

*Feed pressure tolerance, ± 0.01 MPa.

Evacuation time at recommended feed pressure (0.45 MPa*)

COAX® cartridge	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)								
		10	20	30	40	50	60	70	80	90
Xi40-3 x1	1.83	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2
Xi40-3 x2	3.66	0.011	0.031	0.06	0.11	0.19	0.29	0.42	0.6	1.1
Xi40-3 x3	5.49	0.007	0.021	0.04	0.07	0.12	0.19	0.28	0.4	0.73

*Feed pressure tolerance, ± 0.01 MPa.

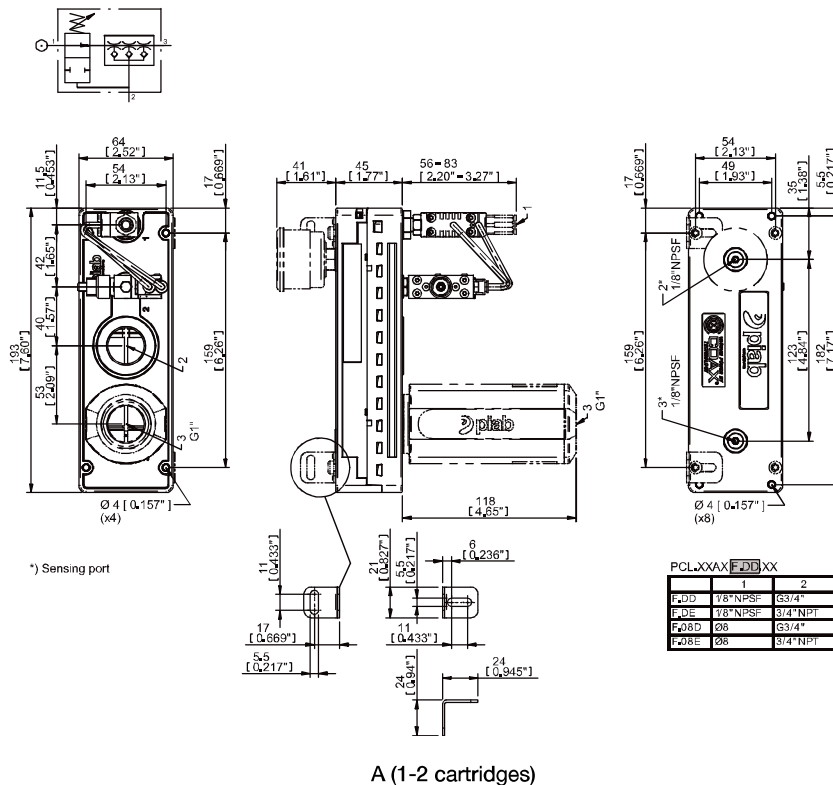
Vacuum pumps/generators Medium



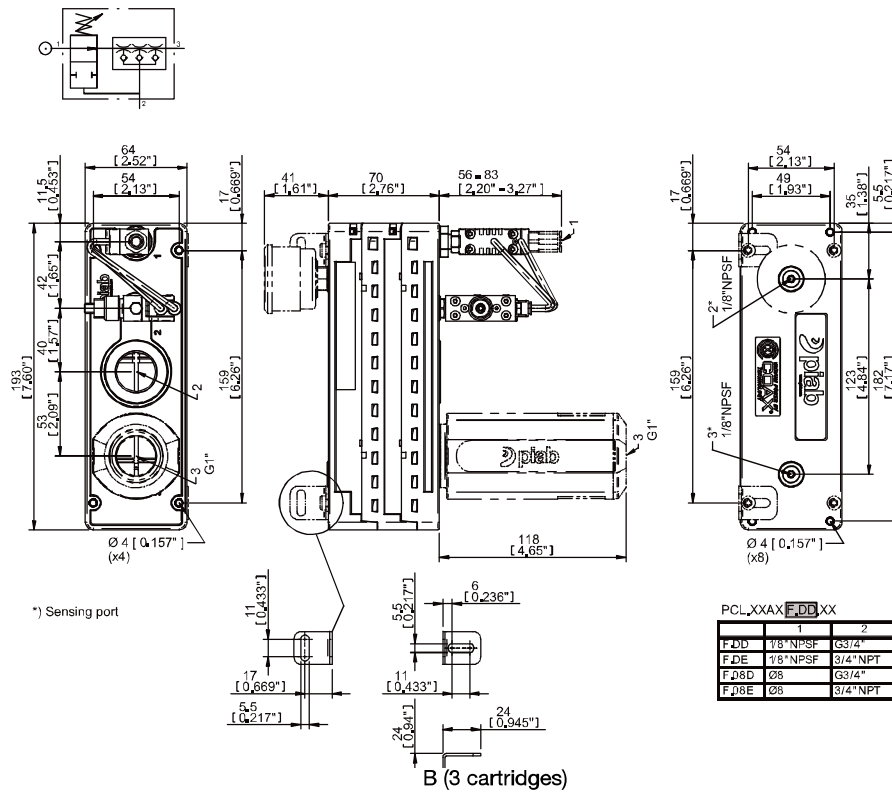
Ordering information

1. Housing		piCLASSIC Code
Housing		PCL
2a. COAX® cartridge modules		piCLASSIC Code
A	COAX® cartridge module Xi40-3x1	X1
A	COAX® cartridge module Xi40-3x2	X2
B	COAX® cartridge module Xi40-3x3	X3
2b. Valve Configuration		piCLASSIC Code
b	Non-return valve	A
2c. Sealing material		piCLASSIC Code
Nitrile		N
Viton		V
3. Function		piCLASSIC Code
Energy saving system (ES)		F
4a. Compressed air connection		piCLASSIC Code
1/8" NPSF (G) female		D
*Push-in 8 mm (5/32")-1/4" female		08
*Compressed air push-in connector included separately.		
4b. Vacuum connection		piCLASSIC Code
G3/4" female		D
3/4" NPT female		E
5. Accessory		piCLASSIC Code
None		X
Silencer G1" male		S
Vacuum gauge		V
Silencer G1" male & vacuum gauge		SV
Example		Ordering number
piCLASSIC Xi40-3x1, Non-return Valve, Nitrile Sealing, Energy saving Function, Connections Comp. Air 1/8" NPSF (G) female--Vacuum G3/4" female, Silencer G1" male & vacuum gauge		PCL.X1AN.F.DD.SV

Dimensional drawing for piCLASSIC Xi40-3 ES



Specifications subject to change without notice.



Crossover Classic to piCLASSIC

Classic Art. No.	Classic Code No.	piCLASSIC Art. No.	piCLASSIC Code No.
0103092	M50B5-ADNAF	9904049	PCL.X2AN.F.08D.SV
0103265	M100B6-ADNAF	9904341	PCL.X3AN.F.08D.SV

Mounting brackets



- ▶ Corrosion-resistant material.
- ▶ Included as a set (2 pieces) with each vacuum pump.
- ▶ Suitable for vacuum pumps piCLASSIC.

Technical data

Description	Unit	Value	
		0124869	0125073
Weight	g	10-27	56
Material		SS	Al, SS, Steel

Ordering information

	Description	Art. No.
A	Mounting bracket piCLASSIC cpl	0124869
B	Mounting kit M8/27 piCLASSIC, profile	0125073

