

P6040



The P6040 comes with the patented COAX® technology. 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 5–16 cartridges.

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 Pi48-3 x5	0.3	10	28	12.5	9	5.5	3.25	2.5	1.75	1.25	0.5	—	90
MIDI Pi48-3 x6	0.3	12	33.6	15	10.8	6.6	3.9	3	2.1	1.5	0.6	—	90
MIDI Pi48-3 x7	0.3	14	39.2	17.5	12.6	7.7	4.55	3.5	2.45	1.75	0.7	—	90
MIDI Pi48-3 x8	0.3	16	44.8	20	14.4	8.8	5.2	4	2.8	2	0.8	—	90
MIDI Pi48-3 x9	0.3	18	50.4	22.5	16.2	9.9	5.85	4.5	3.15	2.25	0.9	—	90
MIDI Pi48-3 x10	0.3	20	56	25	18	11	6.5	5	3.5	2.5	1	—	90
MIDI Pi48-3 x11	0.3	22	61.6	27.5	19.8	12.1	7.15	5.5	3.85	2.75	1.1	—	90
MIDI Pi48-3 x12	0.3	24	67.2	30	21.6	13.2	7.8	6	4.2	3	1.2	—	90
MIDI Pi48-3 x13	0.3	26	72.8	32.5	23.4	14.3	8.45	6.5	4.55	3.25	1.3	—	90
MIDI Pi48-3 x14	0.3	28	78.4	35	25.2	15.4	9.1	7	4.9	3.5	1.4	—	90
MIDI Pi48-3 x15	0.3	30	84	37.5	27	16.5	9.75	7.5	5.25	3.75	1.5	—	90
MIDI Pi48-3 x16	0.3	32	89.6	40	28.8	17.6	10.4	8	5.6	4	1.6	—	90
MIDI Si32-3 x5	0.6	8.75	30	17.5	13	8.5	4.5	3	2.5	1.75	—	—	75/52*
MIDI Si32-3 x6	0.6	10.5	36	21	15.6	10.2	5.4	3.6	3	2.1	—	—	75/52*
MIDI Si32-3 x7	0.6	12.25	42	24.5	18.2	11.9	6.3	4.2	3.5	2.45	—	—	75/52*
MIDI Si32-3 x8	0.6	14	48	28	20.8	13.6	7.2	4.8	4	2.8	—	—	75/52*
MIDI Si32-3 x9	0.6	15.75	54	31.5	23.4	15.3	8.1	5.4	4.5	3.15	—	—	75/52*
MIDI Si32-3 x10	0.6	17.5	60	35	26	17	9	6	5	3.5	—	—	75/52*
MIDI Si32-3 x11	0.6	19.25	66	38.5	28.6	18.7	9.9	6.6	5.5	3.85	—	—	75/52*
MIDI Si32-3 x12	0.6	21	72	42	31.2	20.4	10.8	7.2	6	4.2	—	—	75/52*
MIDI Si32-3 x13	0.6	22.75	78	45.5	33.8	22.1	11.7	7.8	6.5	4.55	—	—	75/52*
MIDI Si32-3 x14	0.6	24.5	84	49	36.4	23.8	12.6	8.4	7	4.9	—	—	75/52*
MIDI Si32-3 x15	0.6	26.25	90	52.5	39	25.5	13.5	9	7.5	5.25	—	—	75/52*

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 x16	0.6	28	96	56	41.6	27.2	14.4	9.6	8	5.6	—	—	75/52*
MIDI Xi40-3 x5	0.45	9.15	29.5	15	10	6.5	3.65	2.9	2.15	1.6	0.9	0.15	95/51*
MIDI Xi40-3 x6	0.45	10.98	35.4	18	12	7.8	4.38	3.48	2.58	1.92	1.08	0.18	95/51*
MIDI Xi40-3 x7	0.45	12.81	41.3	21	14	9.1	5.11	4.06	3.01	2.24	1.26	0.21	95/51*
MIDI Xi40-3 x8	0.45	14.64	47.2	24	16	10.4	5.84	4.64	3.44	2.56	1.44	0.24	95/51*
MIDI Xi40-3 x9	0.45	16.47	53.1	27	18	11.7	6.57	5.22	3.87	2.88	1.62	0.27	95/51*
MIDI Xi40-3 x10	0.45	18.3	59	30	20	13	7.3	5.8	4.3	3.2	1.8	0.3	95/51*
MIDI Xi40-3 x11	0.45	20.13	64.9	33	22	14.3	8.03	6.38	4.73	3.52	1.98	0.33	95/51*
MIDI Xi40-3 x12	0.45	21.96	70.8	36	24	15.6	8.76	6.96	5.16	3.84	2.16	0.36	95/51*
MIDI Xi40-3 x13	0.45	23.79	76.7	39	26	16.9	9.49	7.54	5.59	4.16	2.34	0.39	95/51*
MIDI Xi40-3 x14	0.45	25.62	82.6	42	28	18.2	10.22	8.12	6.02	4.48	2.52	0.42	95/51*
MIDI Xi40-3 x15	0.45	27.45	88.5	45	30	19.5	10.95	8.7	6.45	4.8	2.7	0.45	95/51*
MIDI Xi40-3 x16	0.45	29.28	94.4	48	32	20.8	11.68	9.28	6.88	5.12	2.88	0.48	95/51*

* Without/with 1x flap valve.

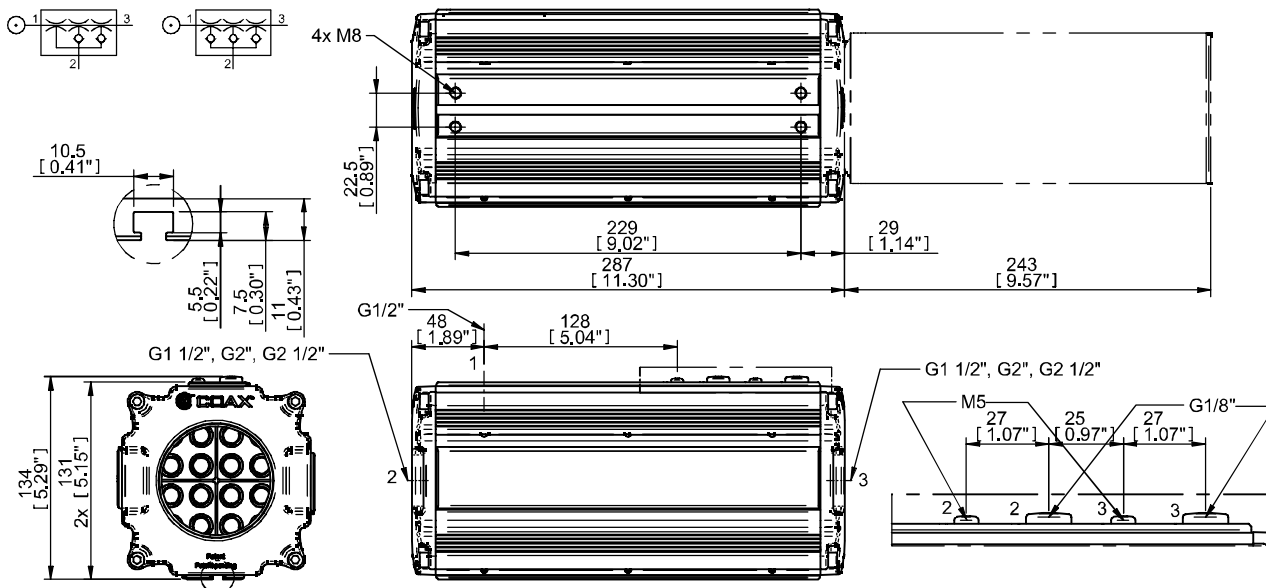
Evacuation times

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 Pi48-3 x5	0.3	10	0.004	0.012	0.024	0.05	0.09	0.14	0.2	0.32	0.8	90	
MIDI Pi48-3 x6	0.3	12	0.0033	0.01	0.02	0.042	0.075	0.12	0.17	0.27	0.67	90	
MIDI Pi48-3 x7	0.3	14	0.0029	0.0086	0.017	0.036	0.064	0.1	0.14	0.23	0.57	90	
MIDI Pi48-3 x8	0.3	16	0.0025	0.0075	0.015	0.031	0.056	0.088	0.13	0.2	0.5	90	
MIDI Pi48-3 x9	0.3	18	0.0022	0.0067	0.013	0.028	0.05	0.078	0.11	0.18	0.44	90	
MIDI Pi48-3 x10	0.3	20	0.002	0.006	0.012	0.025	0.045	0.07	0.1	0.16	0.4	90	
MIDI Pi48-3 x11	0.3	22	0.0018	0.0055	0.011	0.023	0.041	0.064	0.091	0.15	0.36	90	
MIDI Pi48-3 x12	0.3	24	0.0017	0.005	0.01	0.021	0.038	0.058	0.083	0.13	0.33	90	
MIDI Pi48-3 x13	0.3	26	0.0015	0.0046	0.0092	0.019	0.035	0.054	0.077	0.12	0.31	90	
MIDI Pi48-3 x14	0.3	28	0.0014	0.0043	0.0086	0.018	0.032	0.05	0.071	0.11	0.29	90	
MIDI Pi48-3 x15	0.3	30	0.0013	0.004	0.008	0.017	0.03	0.047	0.067	0.11	0.27	90	
MIDI Pi48-3 x16	0.3	32	0.0013	0.0038	0.0075	0.016	0.029	0.044	0.063	0.1	0.25	90	
MIDI Si32-3 x5	0.6	8.75	0.004	0.01	0.02	0.036	0.066	0.11	0.16	—	—	75/52*	
MIDI Si32-3 x6	0.6	10.5	0.0033	0.0083	0.017	0.03	0.055	0.088	0.13	—	—	75/52*	
MIDI Si32-3 x7	0.6	12.25	0.0029	0.0071	0.014	0.026	0.047	0.076	0.11	—	—	75/52*	
MIDI Si32-3 x8	0.6	14	0.0025	0.0063	0.013	0.023	0.041	0.066	0.1	—	—	75/52*	
MIDI Si32-3 x9	0.6	15.75	0.0022	0.0056	0.011	0.02	0.037	0.059	0.089	—	—	75/52*	
MIDI Si32-3 x10	0.6	17.5	0.002	0.005	0.01	0.018	0.033	0.053	0.08	—	—	75/52*	
MIDI Si32-3 x11	0.6	19.25	0.0018	0.0045	0.0091	0.016	0.03	0.048	0.073	—	—	75/52*	
MIDI Si32-3 x12	0.6	21	0.0017	0.0042	0.0083	0.015	0.028	0.044	0.067	—	—	75/52*	
MIDI Si32-3 x13	0.6	22.75	0.0015	0.0038	0.0077	0.014	0.025	0.041	0.062	—	—	75/52*	
MIDI Si32-3 x14	0.6	24.5	0.0014	0.0036	0.0071	0.013	0.024	0.038	0.057	—	—	75/52*	
MIDI Si32-3 x15	0.6	26.25	0.0013	0.0033	0.0067	0.012	0.022	0.035	0.053	—	—	75/52*	
MIDI Si32-3 x16	0.6	28	0.0013	0.0031	0.0063	0.011	0.021	0.033	0.05	—	—	75/52*	
MIDI Xi40-3 x5	0.45	9.15	0.0044	0.012	0.024	0.044	0.074	0.11	0.17	0.24	0.44	95/51*	

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 Xi40-3 x6	0.45	10.98	0.0037	0.01	0.02	0.037	0.062	0.095	0.14	0.2	0.37	95/51*
MIDI Xi40-3 x7	0.45	12.81	0.0031	0.0089	0.017	0.031	0.053	0.081	0.12	0.17	0.31	95/51*
MIDI Xi40-3 x8	0.45	14.64	0.0028	0.0078	0.015	0.028	0.046	0.071	0.11	0.15	0.28	95/51*
MIDI Xi40-3 x9	0.45	16.47	0.0024	0.0069	0.013	0.024	0.041	0.063	0.093	0.13	0.24	95/51*
MIDI Xi40-3 x10	0.45	18.3	0.0022	0.0062	0.012	0.022	0.037	0.057	0.084	0.12	0.22	95/51*
MIDI Xi40-3 x11	0.45	20.13	0.002	0.0056	0.011	0.02	0.034	0.052	0.076	0.11	0.2	95/51*
MIDI Xi40-3 x12	0.45	21.96	0.0018	0.0052	0.01	0.018	0.031	0.048	0.07	0.1	0.18	95/51*
MIDI Xi40-3 x13	0.45	23.79	0.0017	0.0048	0.0092	0.017	0.029	0.044	0.065	0.092	0.17	95/51*
MIDI Xi40-3 x14	0.45	25.62	0.0016	0.0044	0.0086	0.016	0.027	0.041	0.06	0.086	0.16	95/51*
MIDI Xi40-3 x15	0.45	27.45	0.0015	0.0041	0.008	0.015	0.025	0.038	0.056	0.08	0.15	95/51*
MIDI Xi40-3 x16	0.45	29.28	0.0014	0.0039	0.0075	0.014	0.023	0.036	0.053	0.075	0.14	95/51*

* Without/with 1x flap valve.

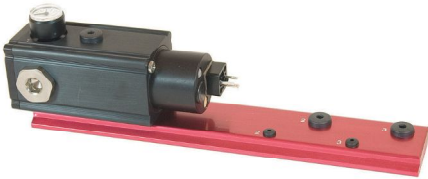
Dimensional drawing



Ordering information

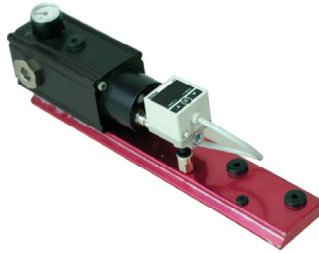
For a complete list of available pumps and combinations with further information visit piab.com. On our webpage you will also be able to find dimensional drawings, CAD-drawings and much more. Register and get full access to all resources available.

Accessory descriptions



P6040 V30

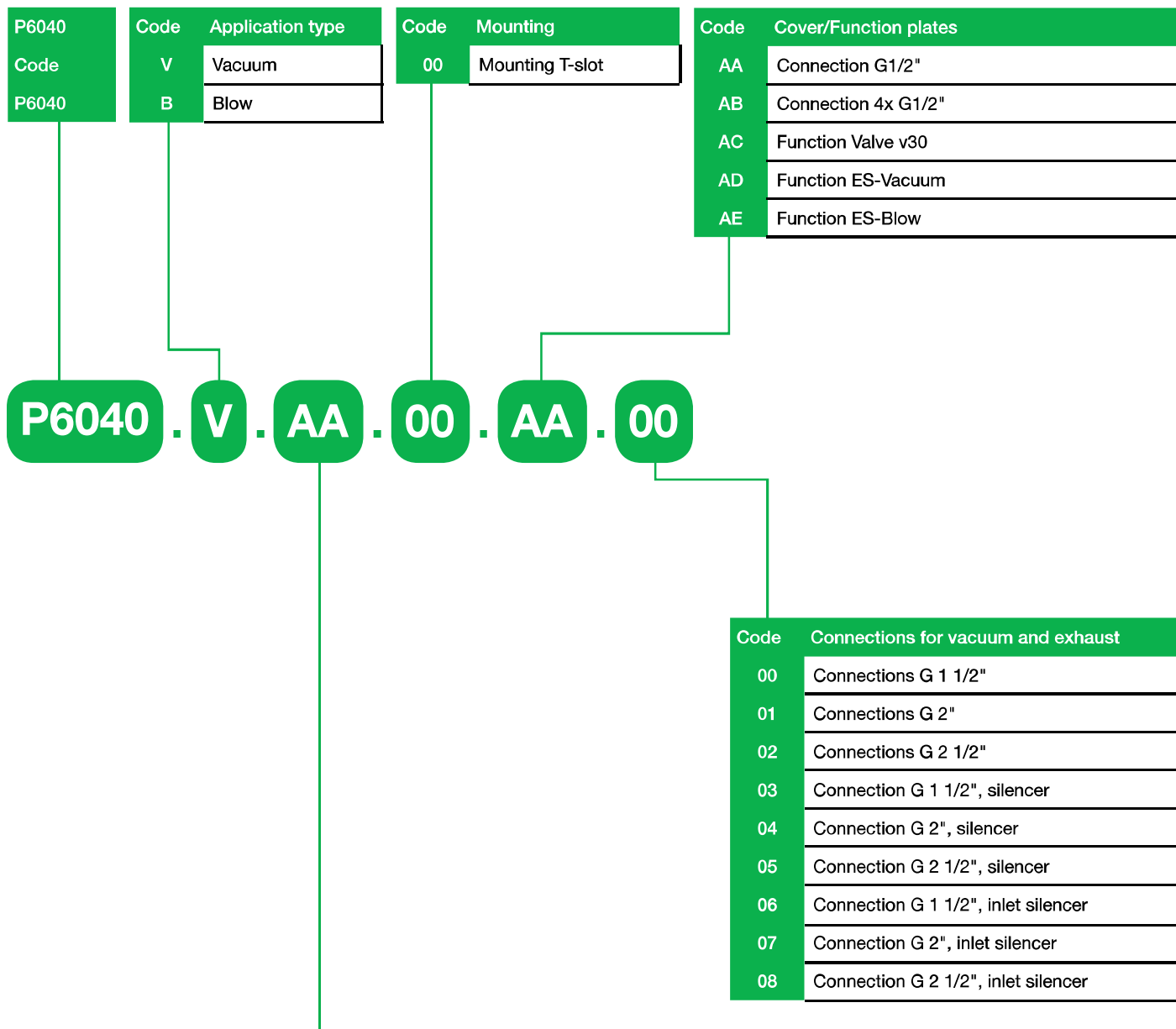
Piab P6040 multi stage ejector with Si, Pi or Xi COAX® technology. Modular design for flexible performance. Compact and durable with no moving parts. Electric 3/2 valve for on/off. Manometer for feed pressure control



P6040 ES Vacuum

Piab P6040 multi stage ejector with Si, Pi or Xi COAX® technology. Modular design for flexible performance. Compact and durable with no moving parts. Electrically operated air-saving device. Adjustable vacuum controlled 2/2 NO valve. Manometer for feed pressure control. Recommended for non-leaking system.

P6040 – Customer Code



Code												COAX® Cartridge module
x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x16	
AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	COAX® Cartridge module Pi48-3
AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	COAX® Cartridge module Pi48-3, non-return valve
AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	COAX® Cartridge module Pi48-3, 1x flap valve
BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	COAX® Cartridge module Si32-3
BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	COAX® Cartridge module Si32-3, non-return valve
CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	COAX® Cartridge module Si32-3, 1x flap valve
CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	COAX® Cartridge module Xi40-3
DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	COAX® Cartridge module Xi40-3, non-return valve
DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	COAX® Cartridge module Xi40-3, 1x flap valve

P6040



- ▶ Patented COAX® technology.
- ▶ 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.
- ▶ Substantially lower air consumption.
- ▶ Modular design for flexible performance.
- ▶ Compact and durable with no moving parts.

Technical data

Description	Unit	Value
Feed pressure, max	MPa	0.7
Noise level	dBA	57-76
Temperature range	°C	-10-80
Weight	g	4300-5600
Material		Al, PA, NBR, SS, POM, HDPE

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		
Pi48-3	0.30	2.0	5.6	2.5	1.8	1.1	0.65	0.50	0.35	0.25	0.10	—	90/53*	
Si32-3	0.60	1.75	6.0	3.5	2.6	1.7	0.90	0.60	0.50	0.35	—	—	75/52*	
Xi40-3	0.45	1.83	5.9	3.0	2.0	1.3	0.73	0.58	0.43	0.32	0.18	0.03	95/51*	

Values for one COAX® cartridge. Multiply with number of cartridges. For vacuum flows at other feed pressures, see section Vacuum cartridges/integration.

* COAX® cartridge module, 1x flap valve

Evacuation time

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		
Pi48-3	0.30	2.0	0.020	0.060	0.12	0.25	0.45	0.70	1.0	1.6	4.0	90/53*	
Si32-3	0.60	1.75	0.020	0.050	0.10	0.18	0.33	0.53	0.80	—	—	75/52*	
Xi40-3	0.45	1.83	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2	95/51*	

Values for one COAX® cartridge. Divide with number of cartridges. For evacuation times at other feed pressures, see section Vacuum cartridges/integration.

* COAX® cartridge module, 1x flap valve

Blow flow

COAX® cartridge	Feed pressure MPa	Air consumption NI/s	Blow flow (NI/s) at different pressure levels (kPa)												Max pressure kPa
			0	20	40	60	70	80	90	100	110	120	130	140	
Pi48-3	0.6	3.55	9.5	6.5	6.0	5.3	4.7	4.6	4.6	4.6	4.5	4.3	4.0	3.7	140
Si32-3	0.6	1.75	7.8	4.6	3.3	2.7	2.3	1.8	—	—	—	—	—	—	80
Xi40-3	0.6	2.33	8.4	5.1	3.92	3.39	3.23	2.95	2.58	—	—	—	—	—	90

Values for one COAX® cartridge. Multiply with number of cartridges.

Ordering information

1. Housing		P6040 Code
Housing P6040		P6040
2. Select Application type		P6040 Code
P6040 Blow		B
P6040 Vacuum		V
3. COAX® cartridge modules		P6040 Code
a	COAX® cartridge module Pi48-3X5	AA

	3. COAX® cartridge modules	P6040 Code
a	COAX® cartridge module Pi48-3X6	AB
a	COAX® cartridge module Pi48-3X7	AC
a	COAX® cartridge module Pi48-3X8	AD
a	COAX® cartridge module Pi48-3X9	AE
a	COAX® cartridge module Pi48-3X10	AF
a	COAX® cartridge module Pi48-3X11	AG
a	COAX® cartridge module Pi48-3X12	AH
a	COAX® cartridge module Pi48-3X13	AI
a	COAX® cartridge module Pi48-3X14	AJ
a	COAX® cartridge module Pi48-3X15	AK
a	COAX® cartridge module Pi48-3X16	AL
b	COAX® cartridge module Pi48-3X5, non-return valve	AM
b	COAX® cartridge module Pi48-3X6, non-return valve	AN
b	COAX® cartridge module Pi48-3X7, non-return valve	AO
b	COAX® cartridge module Pi48-3X8, non-return valve	AP
b	COAX® cartridge module Pi48-3X9, non-return valve	AQ
b	COAX® cartridge module Pi48-3X10, non-return valve	AR
b	COAX® cartridge module Pi48-3X11, non-return valve	AS
b	COAX® cartridge module Pi48-3X12, non-return valve	AT
b	COAX® cartridge module Pi48-3X13, non-return valve	AU
b	COAX® cartridge module Pi48-3X14, non-return valve	AV
b	COAX® cartridge module Pi48-3X15, non-return valve	AW
b	COAX® cartridge module Pi48-3X16, non-return valve	AX
c	COAX® cartridge module Pi48-3X5, 1x flap valve	AY
c	COAX® cartridge module Pi48-3X6, 1x flap valve	AZ
c	COAX® cartridge module Pi48-3X7, 1x flap valve	BA
c	COAX® cartridge module Pi48-3X8, 1x flap valve	BB
c	COAX® cartridge module Pi48-3X9, 1x flap valve	BC
c	COAX® cartridge module Pi48-3X10, 1x flap valve	BD
c	COAX® cartridge module Pi48-3X11, 1x flap valve	BE
c	COAX® cartridge module Pi48-3X12, 1x flap valve	BF
c	COAX® cartridge module Pi48-3X13, 1x flap valve	BG
c	COAX® cartridge module Pi48-3X14, 1x flap valve	BH
c	COAX® cartridge module Pi48-3X15, 1x flap valve	BI
c	COAX® cartridge module Pi48-3X16, 1x flap valve	BJ
a	COAX® cartridge module Si32-3X5	BK
a	COAX® cartridge module Si32-3X6	BL
a	COAX® cartridge module Si32-3X7	BM
a	COAX® cartridge module Si32-3X8	BN
a	COAX® cartridge module Si32-3X9	BO
a	COAX® cartridge module Si32-3X10	BP
a	COAX® cartridge module Si32-3X11	BQ
a	COAX® cartridge module Si32-3X12	BR
a	COAX® cartridge module Si32-3X13	BS
a	COAX® cartridge module Si32-3X14	BT
a	COAX® cartridge module Si32-3X15	BU
a	COAX® cartridge module Si32-3X16	BV
b	COAX® cartridge module Si32-3X5, non-return valve	BW
b	COAX® cartridge module Si32-3X6, non-return valve	BX
b	COAX® cartridge module Si32-3X7, non-return valve	BY
b	COAX® cartridge module Si32-3X8, non-return valve	BZ
b	COAX® cartridge module Si32-3X9, non-return valve	CA
b	COAX® cartridge module Si32-3X10, non-return valve	CB
b	COAX® cartridge module Si32-3X11, non-return valve	CC
b	COAX® cartridge module Si32-3X12, non-return valve	CD
b	COAX® cartridge module Si32-3X13, non-return valve	CE
b	COAX® cartridge module Si32-3X14, non-return valve	CF
b	COAX® cartridge module Si32-3X15, non-return valve	CG
b	COAX® cartridge module Si32-3X16, non-return valve	CH
c	COAX® cartridge module Si32-3X5, 1x flap valve	CI
c	COAX® cartridge module Si32-3X6, 1x flap valve	CJ
c	COAX® cartridge module Si32-3X7, 1x flap valve	CK
c	COAX® cartridge module Si32-3X8, 1x flap valve	CL
c	COAX® cartridge module Si32-3X9, 1x flap valve	CM
c	COAX® cartridge module Si32-3X10, 1x flap valve	CN

3. COAX® cartridge modules		P6040 Code
c	COAX® cartridge module Si32-3X11, 1x flap valve	CO
c	COAX® cartridge module Si32-3X12, 1x flap valve	CP
c	COAX® cartridge module Si32-3X13, 1x flap valve	CQ
c	COAX® cartridge module Si32-3X14, 1x flap valve	CR
c	COAX® cartridge module Si32-3X15, 1x flap valve	CS
c	COAX® cartridge module Si32-3X16, 1x flap valve	CT
a	COAX® cartridge module Xi40-3X5	CU
a	COAX® cartridge module Xi40-3X6	CV
a	COAX® cartridge module Xi40-3X7	CW
a	COAX® cartridge module Xi40-3X8	CX
a	COAX® cartridge module Xi40-3X9	CY
a	COAX® cartridge module Xi40-3X10	CZ
a	COAX® cartridge module Xi40-3X11	DA
a	COAX® cartridge module Xi40-3X12	DB
a	COAX® cartridge module Xi40-3X13	DC
a	COAX® cartridge module Xi40-3X14	DD
a	COAX® cartridge module Xi40-3X15	DE
a	COAX® cartridge module Xi40-3X16	DF
b	COAX® cartridge module Xi40-3X5, non-return valve	DG
b	COAX® cartridge module Xi40-3X6, non-return valve	DH
b	COAX® cartridge module Xi40-3X7, non-return valve	DI
b	COAX® cartridge module Xi40-3X8, non-return valve	DJ
b	COAX® cartridge module Xi40-3X9, non-return valve	DK
b	COAX® cartridge module Xi40-3X10, non-return valve	DL
b	COAX® cartridge module Xi40-3X11, non-return valve	DM
b	COAX® cartridge module Xi40-3X12, non-return valve	DN
b	COAX® cartridge module Xi40-3X13, non-return valve	DO
b	COAX® cartridge module Xi40-3X14, non-return valve	DP
b	COAX® cartridge module Xi40-3X15, non-return valve	DQ
b	COAX® cartridge module Xi40-3X16, non-return valve	DR
c	COAX® cartridge module Xi40-3X5, 1x flap valve	DS
c	COAX® cartridge module Xi40-3X6, 1x flap valve	DT
c	COAX® cartridge module Xi40-3X7, 1x flap valve	DU
c	COAX® cartridge module Xi40-3X8, 1x flap valve	DV
c	COAX® cartridge module Xi40-3X9, 1x flap valve	DW
c	COAX® cartridge module Xi40-3X10, 1x flap valve	DX
c	COAX® cartridge module Xi40-3X11, 1x flap valve	DY
c	COAX® cartridge module Xi40-3X12, 1x flap valve	DZ
c	COAX® cartridge module Xi40-3X13, 1x flap valve	EA
c	COAX® cartridge module Xi40-3X14, 1x flap valve	EB
c	COAX® cartridge module Xi40-3X15, 1x flap valve	EC
c	COAX® cartridge module Xi40-3X16, 1x flap valve	ED

4. Mounting	P6040 Code
T-slot	00

5. Select Cover plate, function	P6040 Code
Connection G1/2"	AA
Connection 4x G1/2"	AB
Function V30	AC
Function ES Vacuum	AD

For detailed information on V30 and ES Vacuum, see separate datasheets.

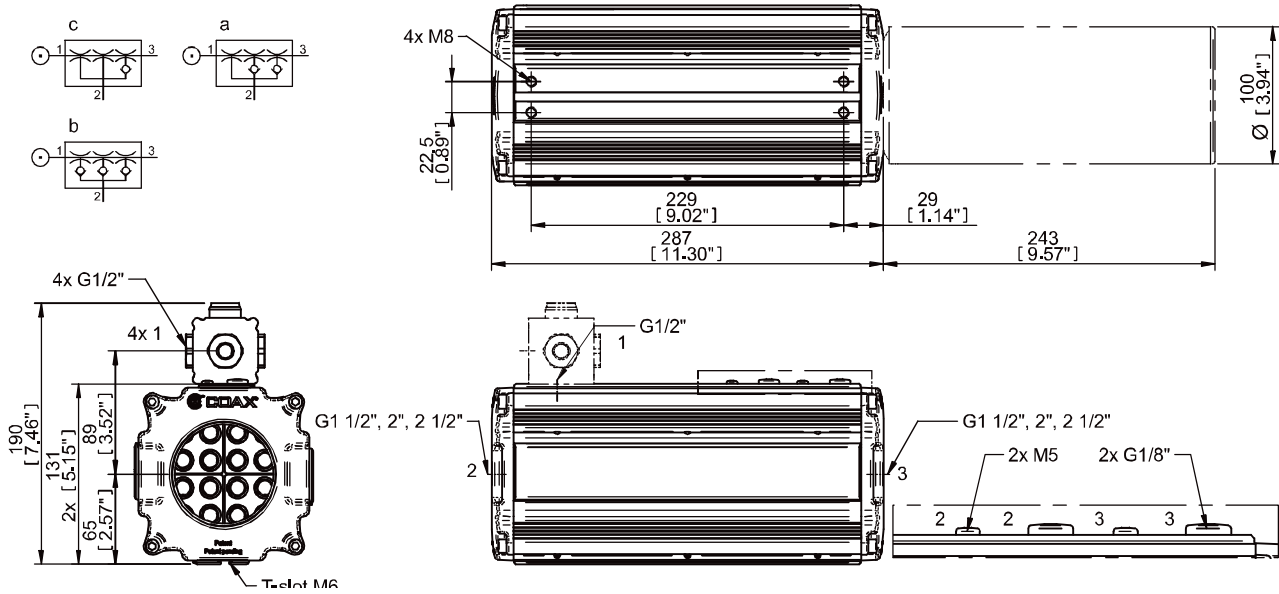
6. Select Connections for vacuum and blow	P6040 Code
Connection G 1 1/2"	00
Connection G 2"	01
Connection G 2 1/2"	02
Connection G 1 1/2", silencer	03
Connection G 2", silencer	04
Connection G 2 1/2", silencer	05
Connection G 1 1/2", inlet silencer	06
Connection G 2", inlet silencer	07
Connection G 2 1/2", inlet silencer	08

Example	Ordering No.
P6040 Vacuum, Pi48-3X5, Mounting T-slot, Cover plate with 4 connections G1/2", Connection G 2 1/2" and silencer	P6040 V AA 00 AB 05

Vacuum pumps/generators Large



Example	Ordering No.
P6040 Vacuum, Pi48-3X5, Mounting T-slot, Cover plate with connection G1/2", Connection G 2 1/2" and silencer	P6040 V AA 00 AA 05



Ordering information, accessories

Description	Art. No.
Manometer 250 kPa	3101626

P6040 Function V30



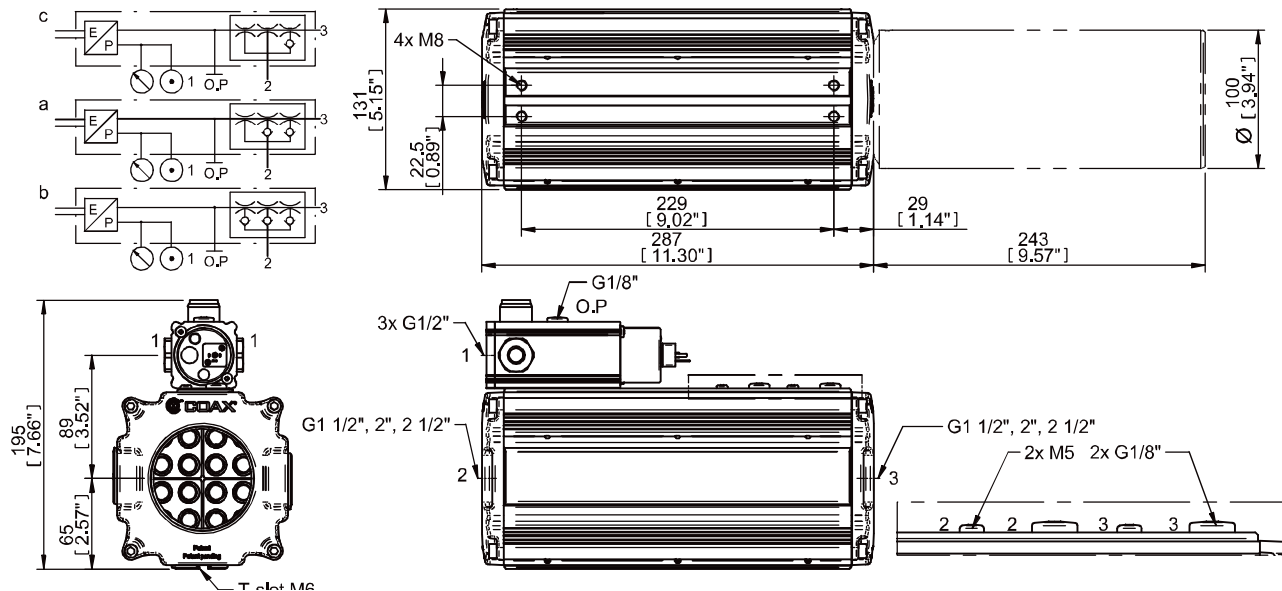
- ▶ Patented COAX® technology
- ▶ Substantially lower air consumption
- ▶ Modular design for flexible performance
- ▶ Compact and durable with no moving parts
- ▶ With its low energy consumption it can be controlled directly from the control system

Technical data

Description	Unit	Value
Feed pressure	MPa	0.7
Noise level	dBA	57-76
Temperature range	°C	0-50
Voltage	V	24
Voltage range	V	14-28
Current consumption	mA	40
Ripple	V _p	1 V _{rms}
Safety classification	IP	65
Display		LED
Weight	g	4900-5900
Material		Al, PA, NBR, SS, POM, HDPE, CuZn, PBT

Ordering information

Description	Art. No.
Function V30	0117783
Example	Ordering No.
P6040 Vacuum, Pi48-3X5, Mounting T-slot, Cover plate with function V30, Connection G 2 1/2" and silencer	P6040 V AA 00 AC 05



P6040 Function ES Vacuum



- ▶ Patented COAX® technology
- ▶ Substantially lower air consumption
- ▶ Modular design for flexible performance
- ▶ Compact and durable with no moving parts
- ▶ Saves energy when the vacuum requirement varies

Technical data

Description	Unit	Value
Feed pressure	MPa	0.7
Noise level	dBA	57-76
Temperature range	°C	0-50
Signal range	-kPa	15-95
Hysteresis	kPa	1-79
Voltage	V	24
Voltage range	V	14-28
Current consumption	mA	60
Ripple	V _p	1 V _{rms}
Safety classification	IP	40
Display		LED
Weight	g	5000-6000
Material		Al, PA, NBR, SS, POM, HDPE, PC, CuZn, PBT

Ordering information

Description	Art. No.
Function ES Vacuum	0117784
Example	Ordering No.
P6040 Vacuum, Si32-3X5 with non-return valve, Mounting T-slot, Cover plate with function ES vacuum, Connection G 2 1/2" with silencer	P6040 V BW 00 AD 05

