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MANUAL

Vacuum pump P6040

www.piab.com

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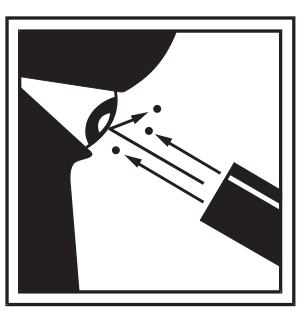
piab

(GB) Safety
(DK) Advarselsymboler
(DE) Warnsymbole
(ES) Señales de advertencia
(FR) Sécurité
(IT) Segnali di avvertenza
(NL) Waarschuwingssymbolen
(NO) Sikkerhet
(PT) Sinais Avisadores
(SV) Säkerhet
(FI) Varoitusmerkit
(日) 安全性

- Vacuum force
- Vakuumkraft
- Vakuumkraft
- Fuerza de vacío
- Force d'aspiration
- Potenza di aspirazione
- Vacuumkracht
- Vakuumkraft
- Vácuo ligado
- Vakuumkraft
- Voimakas imu
- 真空力



- Exhaust
- Udblæs
- Abluft
- Aire procedente
- Evacuation de l'air
- Aria di scarico
- Uitlaatlucht
- Eksos
- Saida de ar
- Utblås
- Poistoilma
- 排気

- Unrestricted exhaust
- Forbudt blokere udblæs-ningen
- Abluft nicht blockieren
- Prohibido bloquear la salida del aire
- Interdit de bloquer l´évacuation de l´air
- Lo scarico della pompa non deve
- essere ostruito
- Pompuitlaat vrijhouden
- Forbudt å blokkere eksos
- O escape da bomba deve ser livre
- Förbjudet blockera utblås
- Ulospuhalluksen esto kiel-letty
- 排気口を塞がないで下さい。

(GB) Warranty
(DK) Garanti
(DE) Garantie
(ES) Garantía
(FR) Garantie
(IT) Garanzia
(NL) Garantie
(NO) Garanti
(PT) Garantia
(SE) Garanti
(FI) Takuu
(日) 保証に関して

(GB) The Piab Vacuum Pump has a 5 year warranty against manufacturing defects. The warranty is valid for the vacuum pump only and covers no other costs.

(DK) Piab vakuumpumper har 5 års garanti mod fabrikationsfejl. Garantien gælder kun vakuumpumperne, men ikke andre omkostninger eller fragtomkostninger.

(DE) Bei Herstellungsfehlern an der Piab Vakuumpumpe geben wir 5 Jahre Garantie. Verschleißteile wie z.B. Filter sind ausgeschlossen.

(ES) La bomba de vacío Piab tiene una garantía de 5 años contra defectos de fabricación. La garantía es valida para la bomba de vacío solamente sin cubrir gastos extras.

(FR) La pompe à vide Piab est garantie 5 ans contre les défauts de fabrication. La garantie est valable uniquement pour la pompe, et ne couvre pas d'autres frais, par exemple les frais d'expédition.

(IT) La pompa a vuoto Piab ha 5 anni di garanzia contro i difetti di fabbricazione. La garanzia e' valida solo per la pompa a vuoto e non copre altri costi.

(NL) Piab vacuümpompen hebben een garantietermijn tegen fabricagefouten van 5 jaar. De garantie geldt alleen voor de pomp en dekt geen andere kosten.

(NO) Piab Vakuumpumper har 5 års garanti mot fabrikasjonsfeil. Garantien gjelder kun vakuumpumpen og dekker ikke andre kostnader eller fraktkostnader.

(PT) As bombas de vacuo Piab têm 5 anos de garantia contra defeitos de fabrico. A garantia e´ válida somente para as bombas de vacuo não cobrindo outros custos.

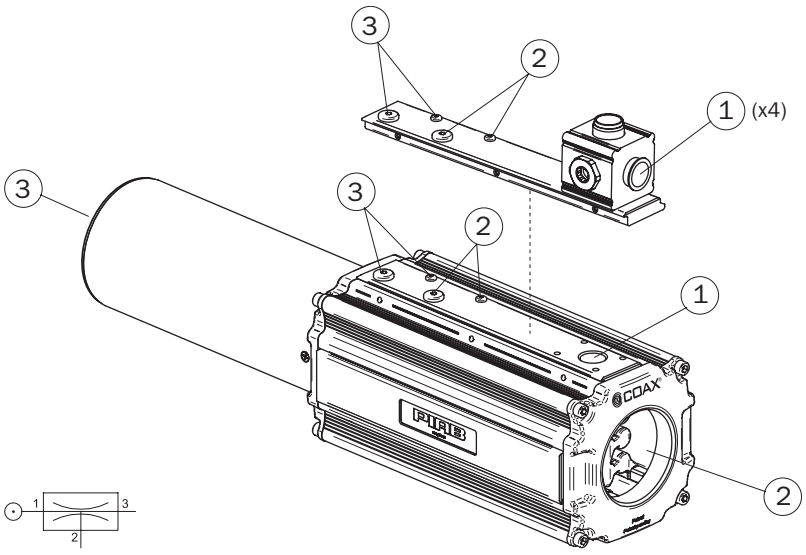
(SE) Piab Vakuumpump har 5 års garanti mot fabrikationsfel. Garantin omfattar enbart vakuumpumpen och täcker ej andra kostnader eller fraktkostnader.

(FI) Piab-tyhjöpumpuilla on 5-vuoden takuu koskien valmistusvirheitä. Takuu koskee ainoastaan tyhjöpumppua, eikä peitä muita kustannuksia taikka lähetyskuluja.

（日）ピアブのポンプには製造上の欠陥に限り五年間の保証があります。

保証はポンプのみ有効です。

1. INSTALLATION/CONNECTION



FEED PRESSURE, VACUUM LEVEL AND EXHAUST PRESSURE

COAX® cartridge	Feed pressure MPa [psi]	Max. vacuum -kPa [-inHg]	Max. exhaust pressure MPa [psi]
Pi	0.3 [43.5]	90 [26.6]	0.14 [20.3]
Si	0.6 [87]	75 [22]	0.08 [11.6]
Xi	0.45 [65]	96 [28]	0.09 [13.1]

RECOMMENDED HOSE DIMENSIONS IN MM [IN.] (INTERNAL DIAMETER)

Connections		COAX® cartridge Pi				
		7/8	9/10	11/12	13/14	15/16
1.	Compressed air	>11 [0.43]	>11 [0.43]	>12 [0.47]	>13 [0.51]	>14 [0.55]
2.	Vacuum	>35 [1.38]	>40 [1.57]	>40 [1.57]	>40 [1.57]	>45 [1.77]
3.	Exhaust	>40 [1.57]	>45 [1.77]	>50 [1.97]	>55 [2.17]	>60 [2.36]

Applies to hoses up to 2 m (6.6 feet) long.

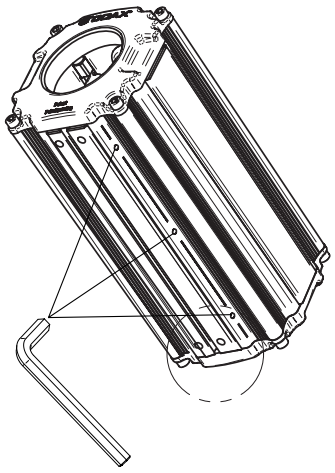
Connections		COAX® cartridge Si				
		7/8	9/10	11/12	13/14	15/16
1.	Compressed air	>8 [0.31]	>9 [0.35]	>10 [0.39]	>10 [0.39]	>11 [0.43]
2.	Vacuum	>35 [1.38]	>40 [1.57]	>40 [1.57]	>45 [1.77]	>45 [1.77]
3.	Exhaust	>40 [1.57]	>40 [1.57]	>50 [1.97]	>50 [1.97]	>50 [1.97]

Applies to hoses up to 2 m (6.6 feet) long.

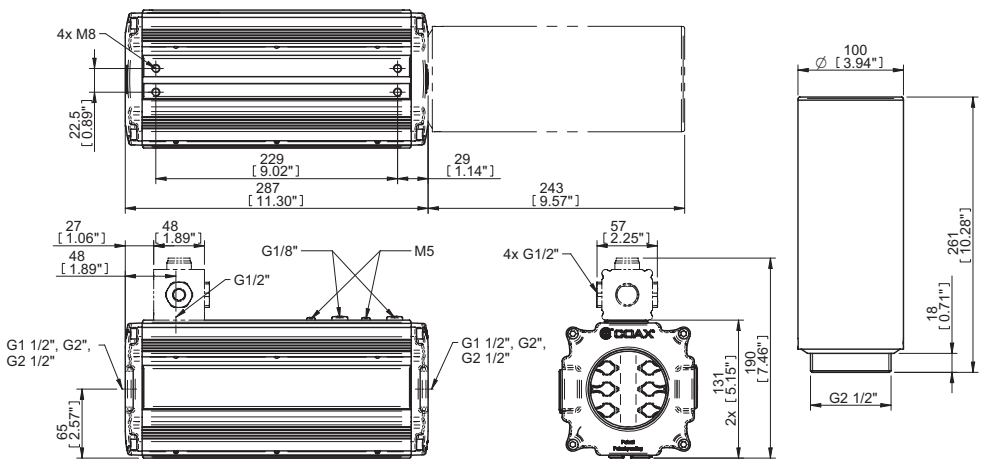
Connections		COAX® cartridge Xi				
		7/8	9/10	11/12	13/14	15/16
1.	Compressed air	>8 [0.31]	>9 [0.35]	>10 [0.39]	>10 [0.39]	>11 [0.43]
2.	Vacuum	>35 [1.38]	>40 [1.57]	>40 [1.57]	>45 [1.77]	>45 [1.77]
3.	Exhaust	>40 [1.57]	>40 [1.57]	>50 [1.97]	>50 [1.97]	>50 [1.97]

Applies to hoses up to 2 m (6.6 feet) long.

2. MOUNTING

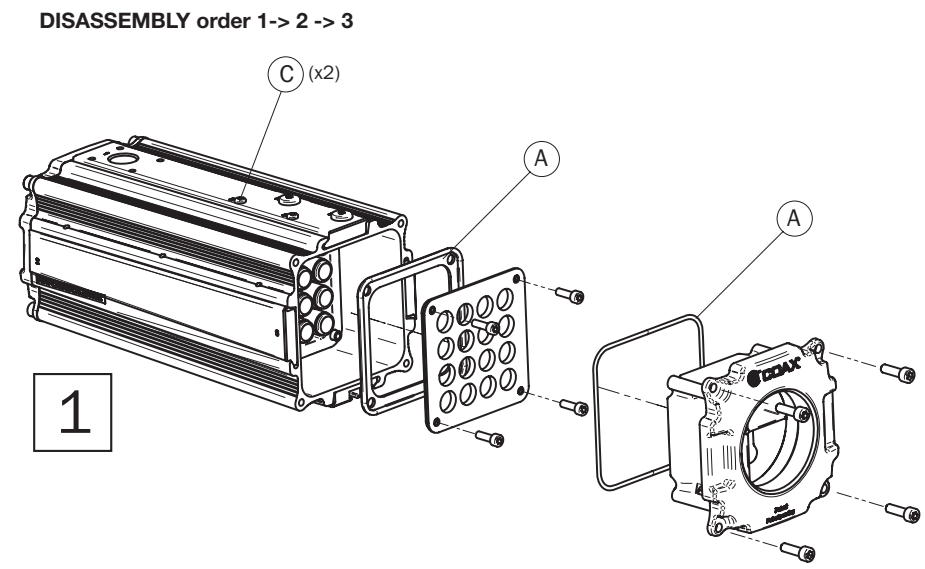


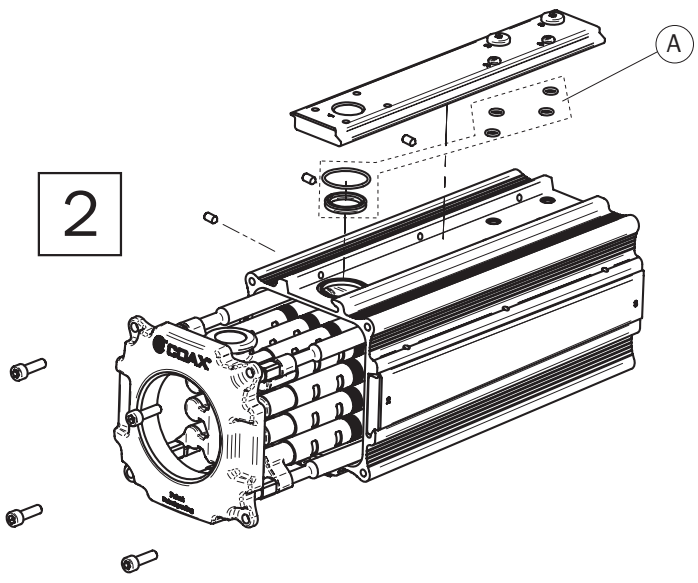
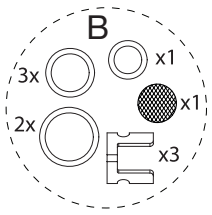
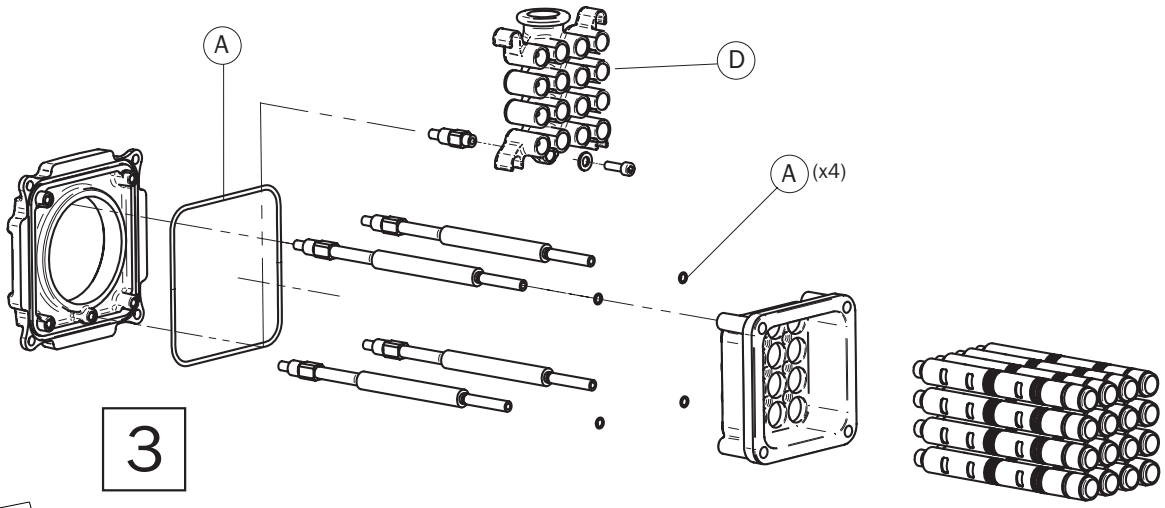
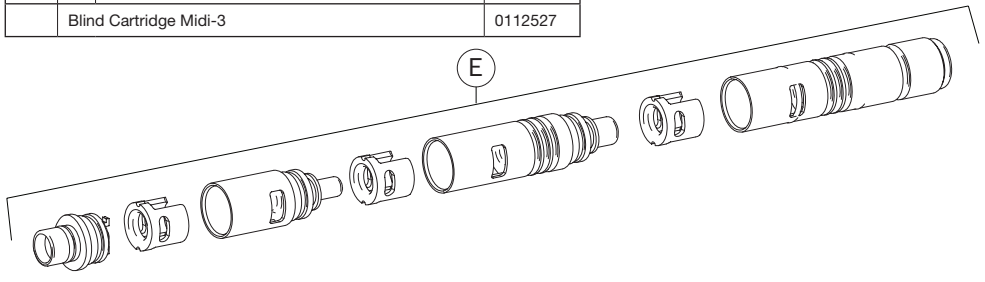
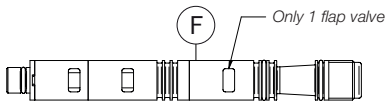
3. DIMENSIONS



4. SPARE PARTS

DISASSEMBLY order 1-> 2 -> 3





Pos.	Description	Art. No.
A	Spare part kit P6040	0117780
B	Spare part kit Midi COAX®	0109531
C	Plug M5 cpl. x1	0106553
D	Air distributor, P6040	0117133
	Cover plate 4xG1/2”, P6040	0117786
	Cover plate G1/2”, P6040	0117787
E	COAX® Cartridge Midi Pi48-3	0106639
	COAX® Cartridge Midi Pi48-3, extra non-return valve	0107714
	F COAX® Cartridge Midi Pi48-3, 1x flapvalve	0201849
	COAX® Cartridge Midi Si32-3	0107053
	COAX® Cartridge Midi Si32-3, extra non-return valve	0107713
	F COAX® Cartridge Midi Si32-3, 1x flapvalve	0201848
	COAX® Cartridge Midi Xi40-3	0118724
	COAX® Cartridge Midi Xi40-3, extra non-return valve	0118725
	F COAX® Cartridge Midi Xi40-3, 1x flapvalve	0201847
	Blind Cartridge Midi-3	0112527