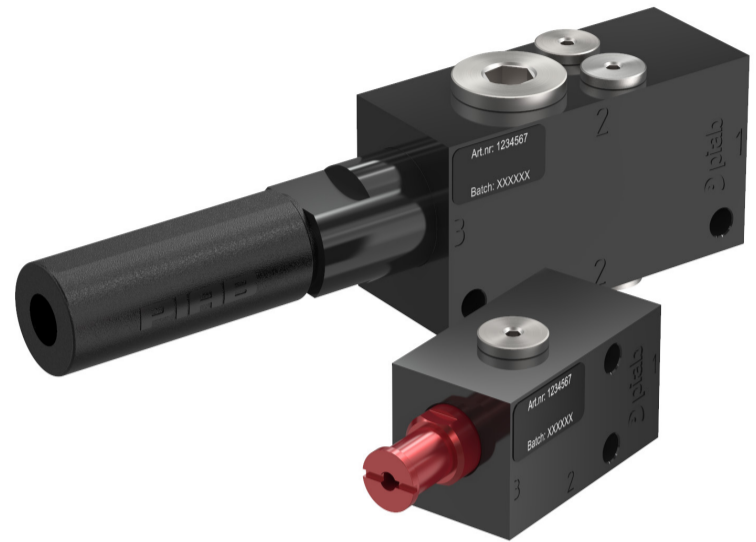


Manufacturer
Piab AB
P.O. Box 146
SE-18212 DANDERYD
SWEDEN

Manual

Vacuplus ejectors

MINI, MINI Slim, MIDI, MIDI 2



Art. No. 0233124 Rev.03 GB, 2025-10
Original instructions

Safety

This section should be studied extra carefully before the product are put into use. Take careful note of all warning signs.

Ensure that the components are properly secured. Regularly check that connections are in good working order, as high cycles or vibrations may cause them to loosen.



Warning!
Vacuum force



Warning!
Exhaust



Warning!
Unrestricted exhaust



Wear ear protection
This caution note only applies to the Ejector MINI 1x Di16-2.

The Vacuplus ejector family

0223806	Ejector MINI Slim 1x Pi12-2
0223807	Ejector MINI Slim 1x Si08-2
0224168	Ejector MINI Slim 1x Si08-2 A
0223808	Ejector MINI Slim 1x Xi10-2
0224169	Ejector MINI Slim 1x Xi10-2 A
0223777	Ejector MINI 1x Di16-2
0223778	Ejector MINI 1x Pi12-2
0223779	Ejector MINI 1x Pi12-2 A
0223780	Ejector MINI 1x Si08-2
0224166	Ejector MINI 1x Si08-2 A
0223781	Ejector MINI 1x Xi10-2
0223782	Ejector MINI 1x Xi10-2 A
0223784	Ejector MIDI 1x Pi48-2
0223785	Ejector MIDI 1x Pi48-2 A
0223786	Ejector MIDI 1x Si32-2
0223787	Ejector MIDI 1x Si32-2 A
0223788	Ejector MIDI 1x Xi40-2
0223789	Ejector MIDI 1x Xi40-2 A
0223798	Ejector MIDI 2x Pi48-2
0223799	Ejector MIDI 2x Pi48-2 A
0223800	Ejector MIDI 2x Si32-2
0223801	Ejector MIDI 2x Si32-2 A
0223802	Ejector MIDI 2x Xi40-2
0223803	Ejector MIDI 2x Xi40-2 A

Warranty

For terms and conditions of sales please visit www.piab.com

This manual is available in the following languages on piab.com:

CHINESE		ITALIAN		PORTUGUESE	
ENGLISH		JAPANESE		RUSSIA	
FRENCH		KOREAN		SPANISH	
GERMAN		POLISH		SWEDISH	

Recycling and disposal

Environmental aspects are considered in the development process of Piab's products to make sure that a minimal environmental footprint is used. Piab is certified against ISO-14001. Piab also complies with:

- RoHS (2011/65/EU)
- REACH (EC 1907/2006)



The ways of handling recycling and disposals vary from country to country, and therefore this process needs to be in full compliance with each national regulation. If possible, disassemble the product into its various components. Batteries, electrical and electronic equipment should be handed over to an authorized body for disposal, as well as the metal parts. All other parts can either be recycled or assorted as waste.

Technical data

Feed pressure, vacuum level, exhaust pressure, and noise level

MINI Slim and MINI ejectors

COAX® cartridge	Feed pressure* MPa [psi]	Max. vacuum -kPa [-inHg]	Max. exhaust pressure MPa [psi]	Noise level dBA
Di16-2	0,6 [87]	73 [21.6]	N. A.	60-74
Pi12-2	0,34 [49.3]	90 [26.6]	0,13 [18.9]	60-74
Si08-2	0,6 [87]	75 [22.2]	0,07 [10.2]	60-74
Xi10-2	0,5 [72.5]	94 [27.7]	0,09 [13.1]	60-74

MIDI and MIDI 2x ejectors

COAX® cartridge	Feed pressure* MPa [psi]	Max. vacuum -kPa [-inHg]	Max. exhaust pressure MPa [psi]	Noise level dBA MiDI / MiDI2
Pi48-2	0,31 [45]	90 [26.6]	0,14 [20.3]	58-71 / 63-73
Si32-2	0,6 [87]	75 [22.2]	0,08 [10.2]	58-71 / 63-73
Xi40-2	0,45 [65]	95 [28.1]	0,09 [13.1]	58-71 / 63-73

*Feed pressure tolerance +0.00/-0.02 MPa

Connections

Recommended hose dimensions in mm [in] (internal diameter)

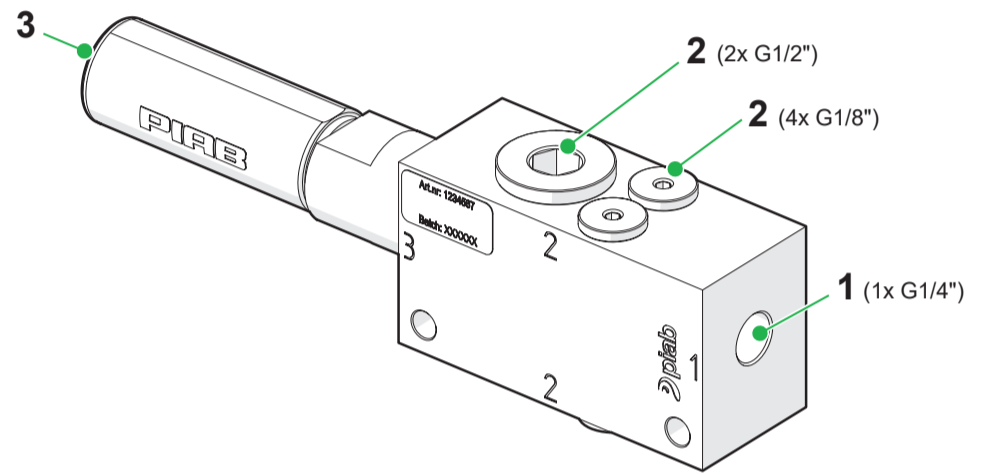
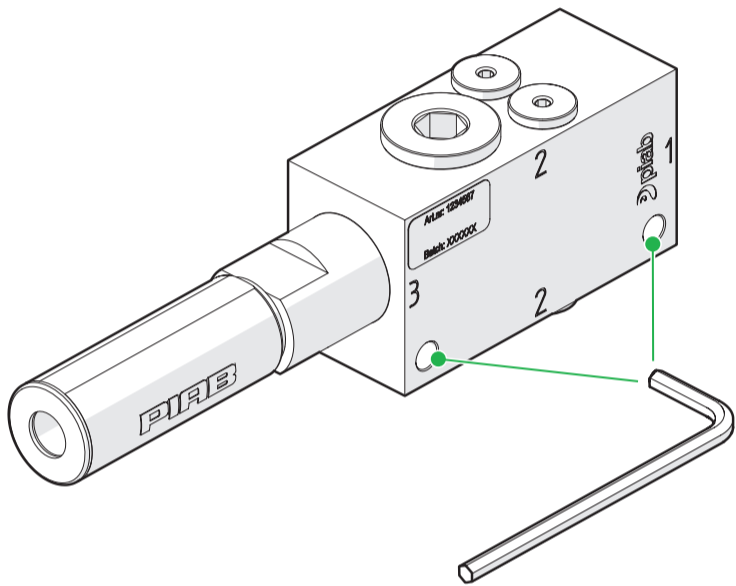
MINI Slim and MINI ejectors

	Connection	COAX® cartridge Di16-2, Pi12-2, Si08-2, Xi10-2
1	Compressed air	≥4 [≥0.16]
2	Vacuum	≥8 [≥0.31]
3	Exhaust	≥10 [≥0.39]

MIDI and MIDI 2x ejectors

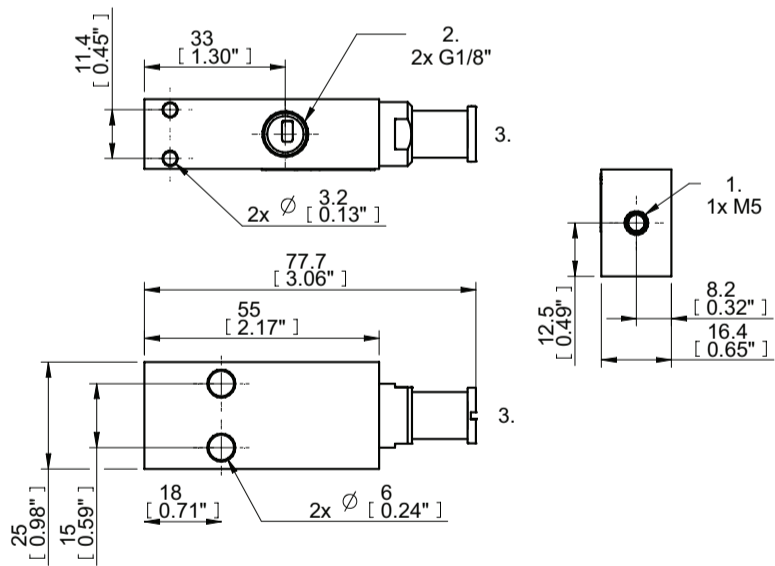
	Connection	COAX® cartridge Pi48-2	COAX® cartridge Si32-2, Xi40-2
1	Compressed air	≥ 6 [≥0.24]	≥ 4 [≥0.16]
2	Vacuum	≥ 12 [≥0.47]	≥ 12 [≥0.47]
3	Exhaust	≥ 15 [≥0.59]	≥ 15 [≥0.59]

Installation

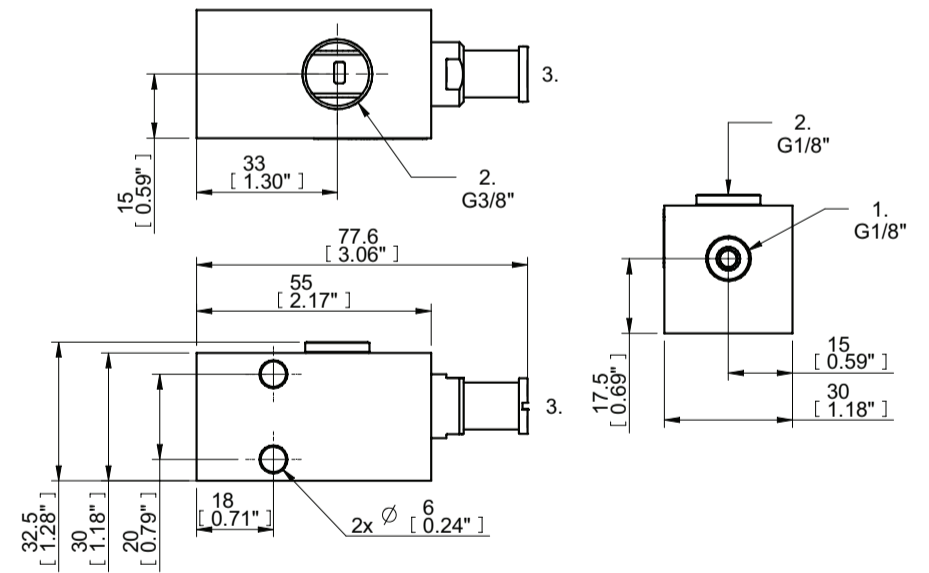


Dimensional drawings

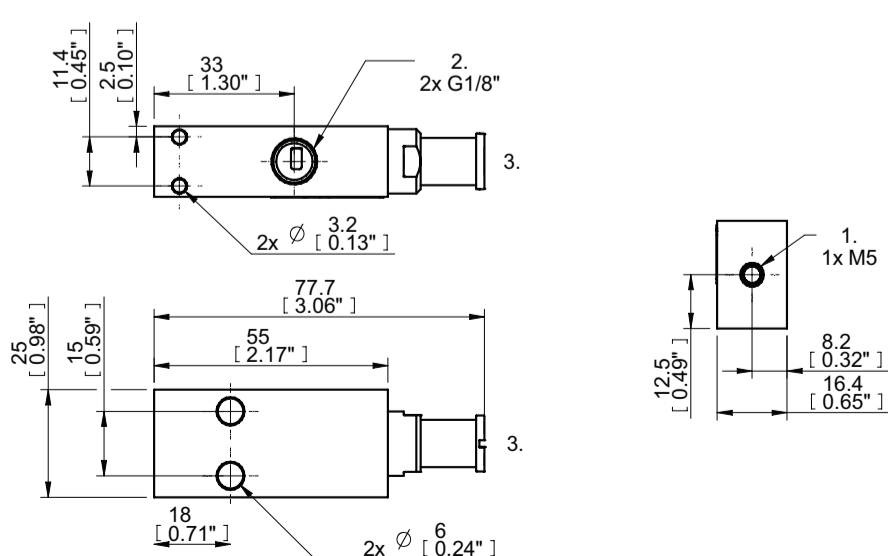
MINI Slim



MINI



MIDI



MIDI 2x

