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BViQ® brings the Bullet Valve® to the masses with a modular plug-in approach.

MAC Valves multi patented Bullet Valve® and subsequent products utilizing Bullet™ technology have brought innovation to the air valve industry with MAC's patented balanced lifting-type solenoid design resulting in superior life, reliability, and repeatability, as well as superior flow in a compact package.

The BViQ® is available in B314 and BV414 configurations featuring these innovative characteristics:

Dual Bullet Valve® Cartridge slices – reducing overall footprint

Dual 4-way slices

Intermixing of 3-way & 4-way valve slices in a common assembly

MACConnect® – available for wire-free manifold interconnects

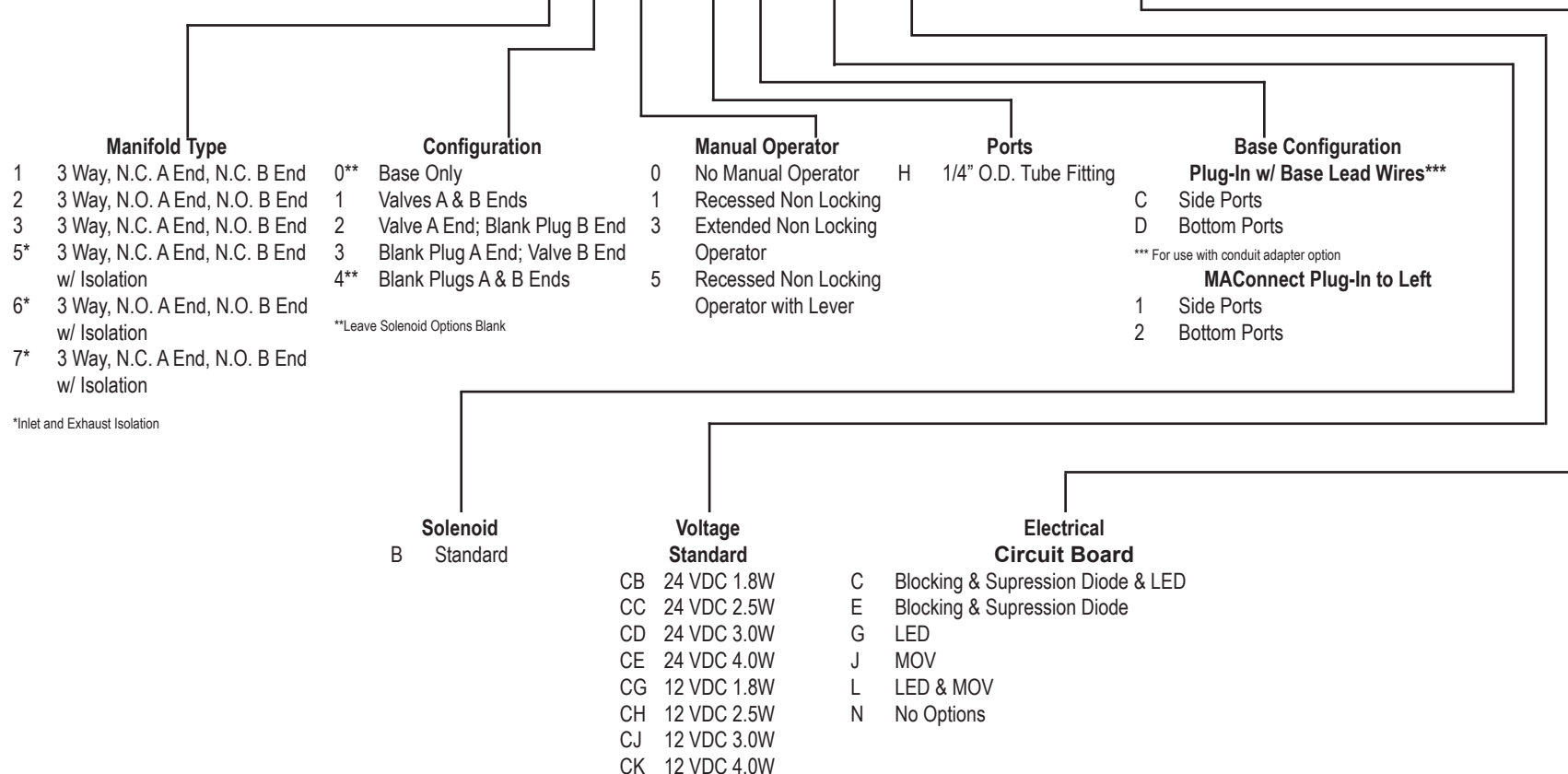
Single fastener BV mounting – provides quick and simple assembly

Adapts via MACConnect® to several interface adapter types – including MI/O-67®

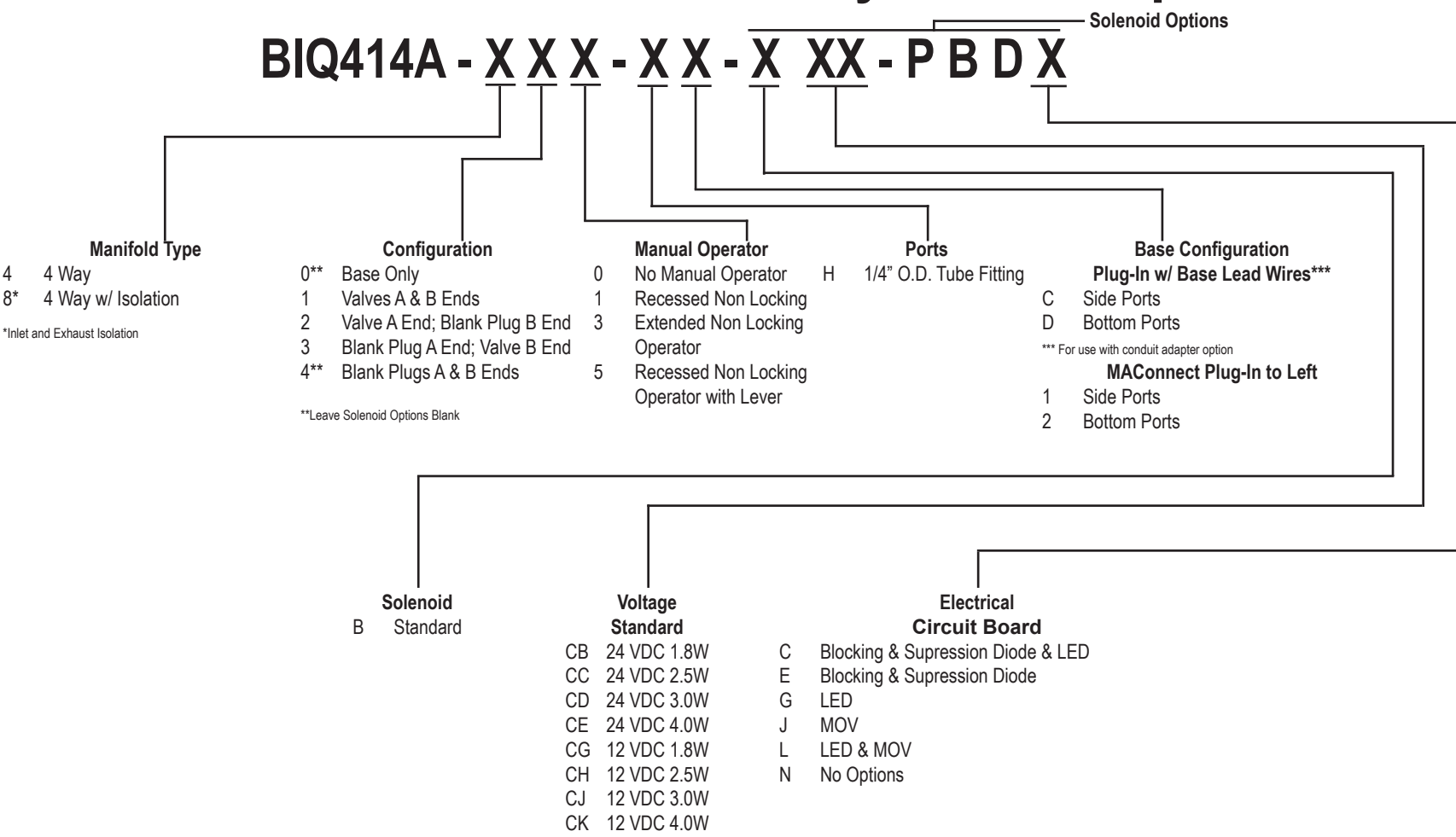
Many of the Bullet Valve® modifications available – optimized rubbers, flows, etc.

How To Order BVIQ Dual 3-Way Station Options

BIQ314A - X X X - X X - X XX - P B D X

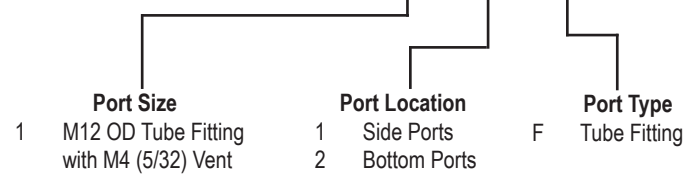


How To Order BVIQ Dual 4-Way Station Options



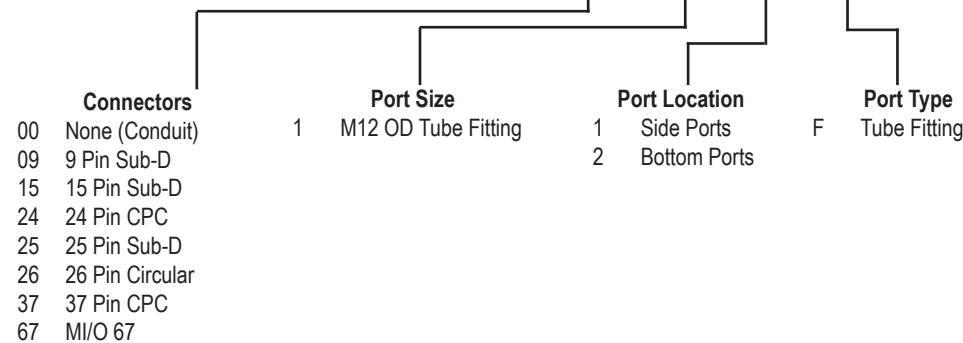
How To Order BVIQ End Plate

M - BIQ01 - X - X - X



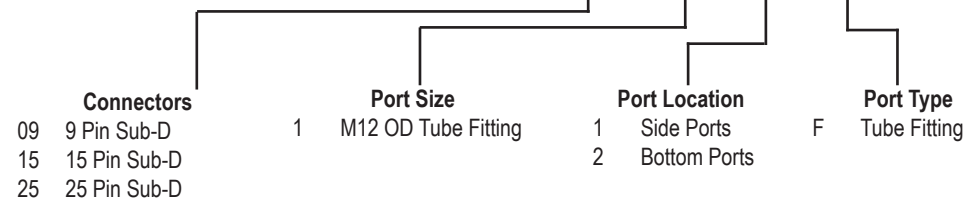
How To Order BVIQ Washdown Adapter

M - BIQ02 - XX - X - X - X



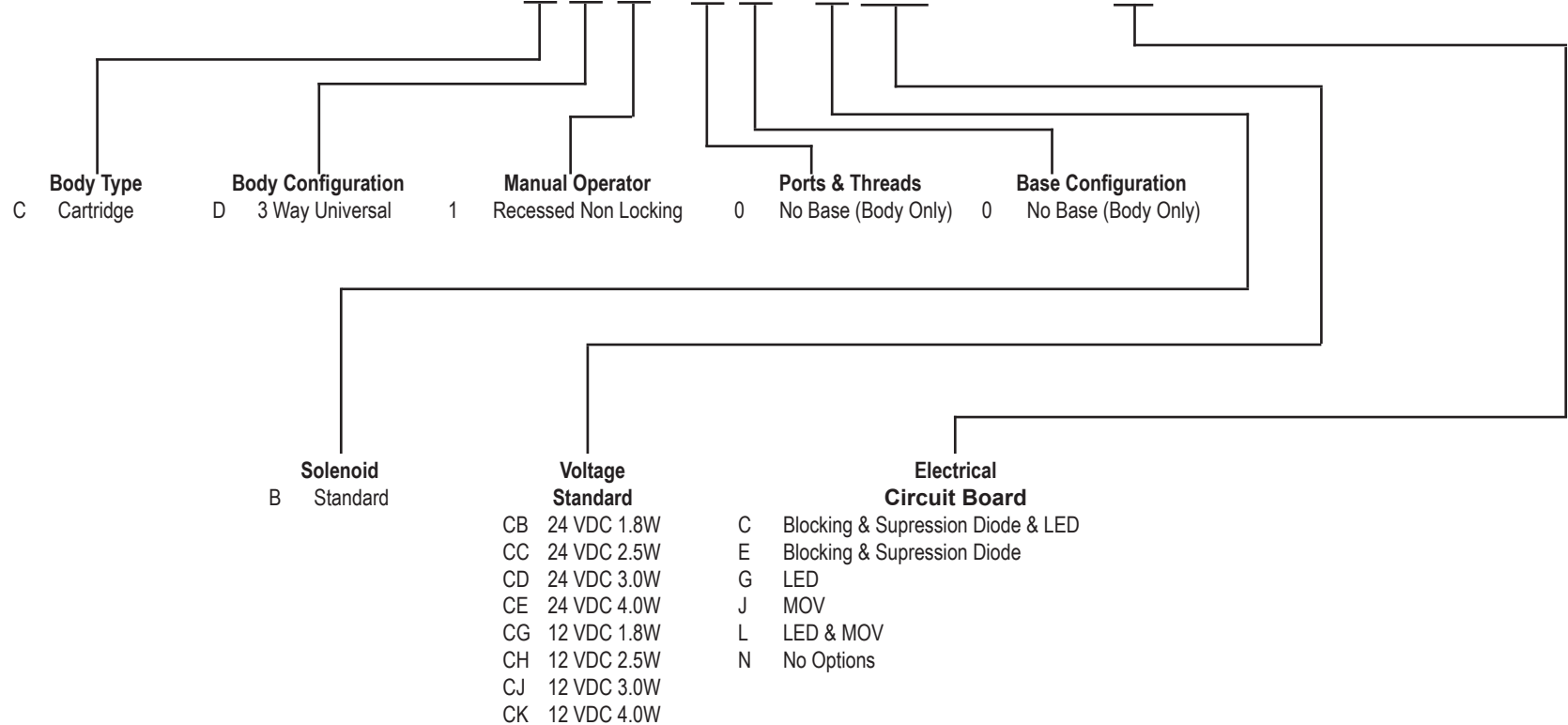
How To Order BVIQ Non-Washdown Adapter

M - BIQ03 - XX - X - X - X



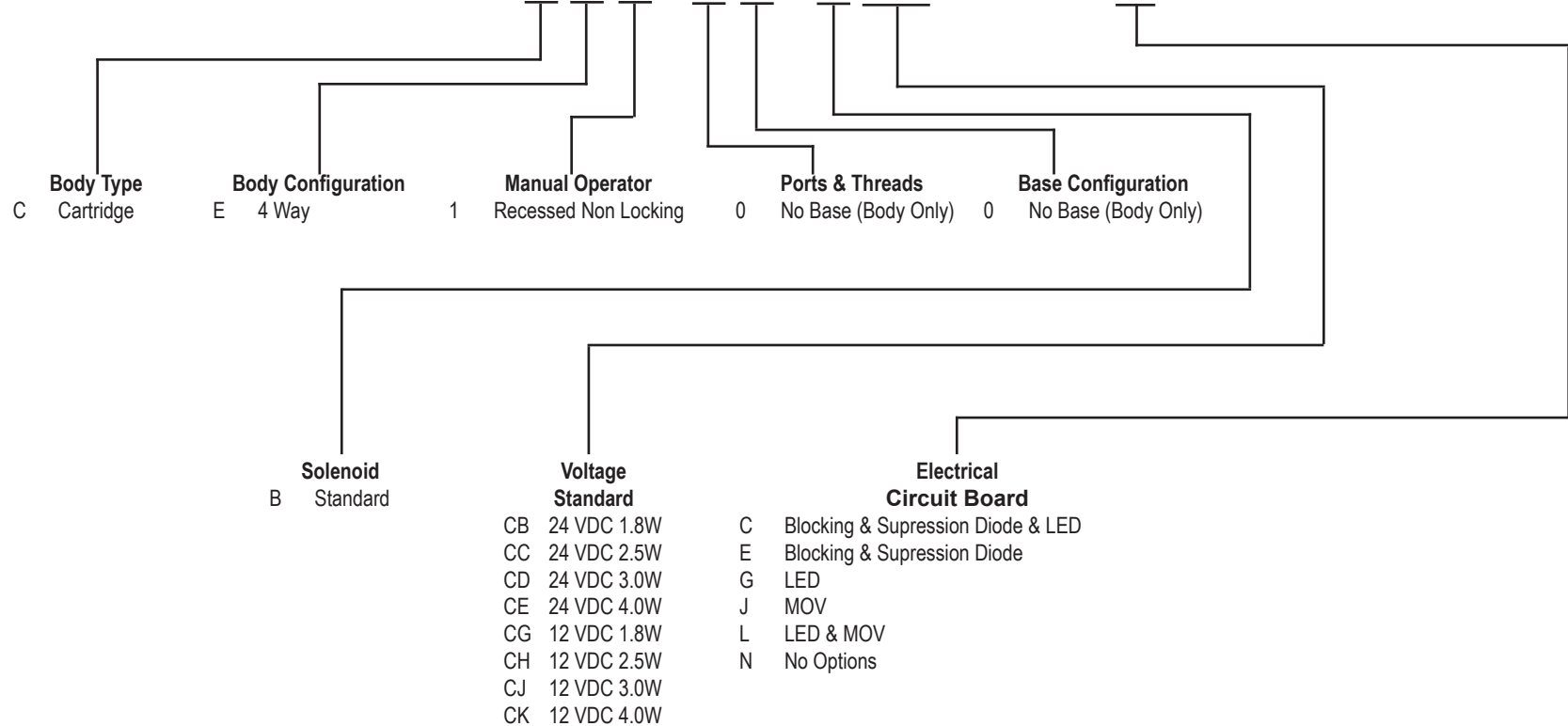
How To Order BVIQ 3-Way Valve Only Options

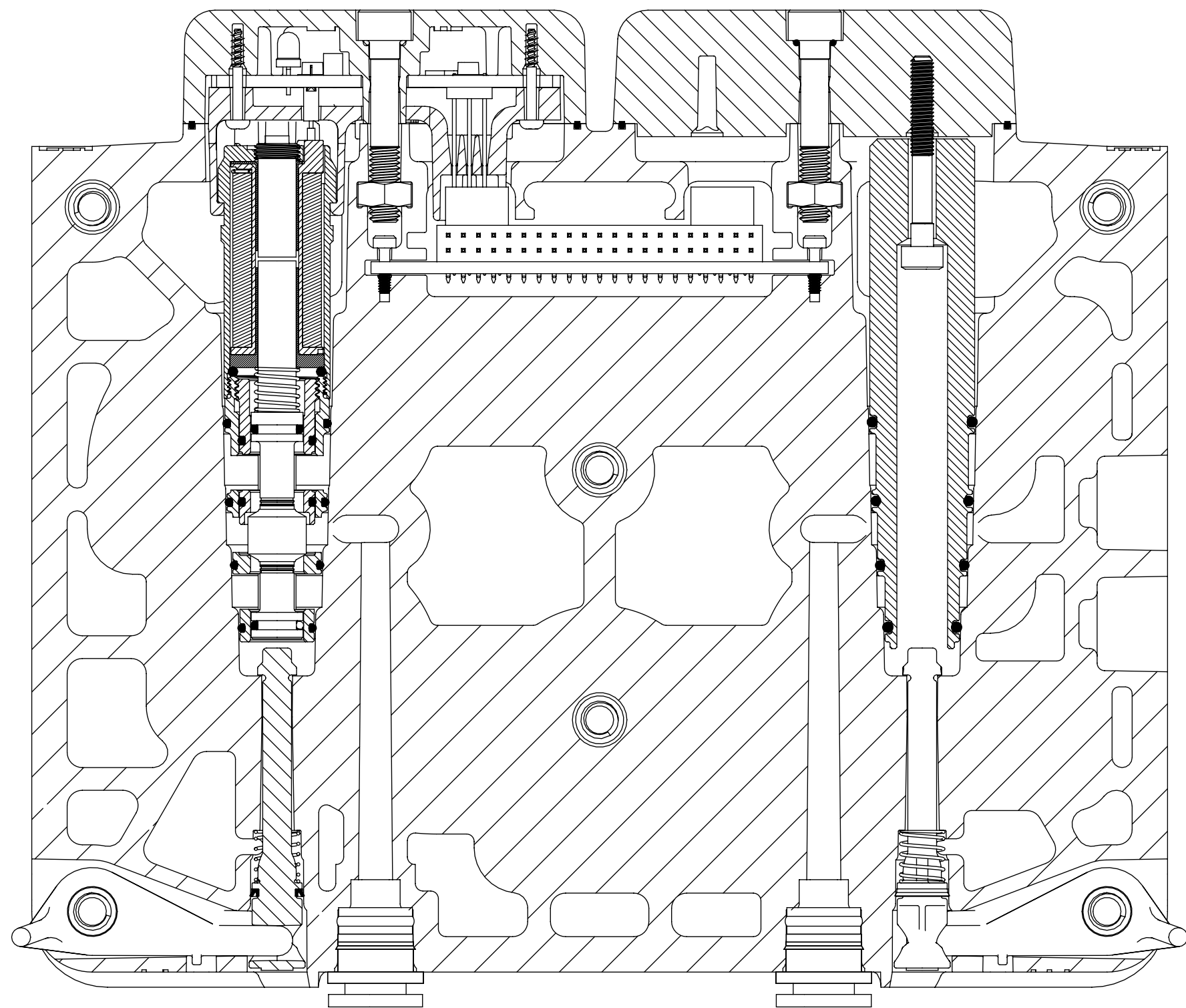
BV314A - X X X - X X - X XX - P B D X



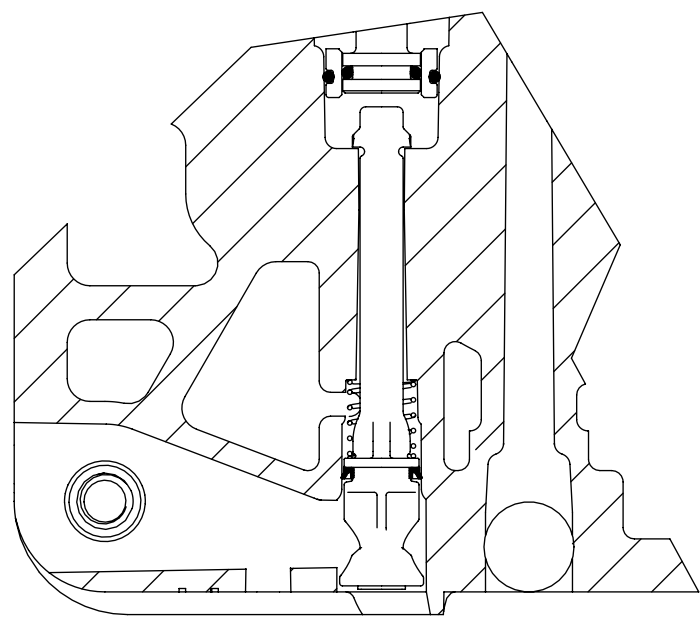
How To Order BVIQ 4-Way Valve Only Options

BV414A - X X X - X X - X XX - P B D X

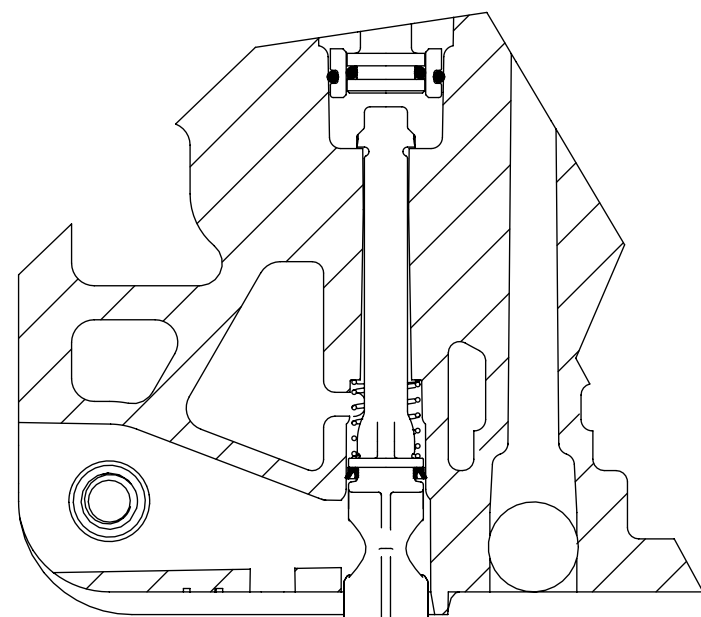




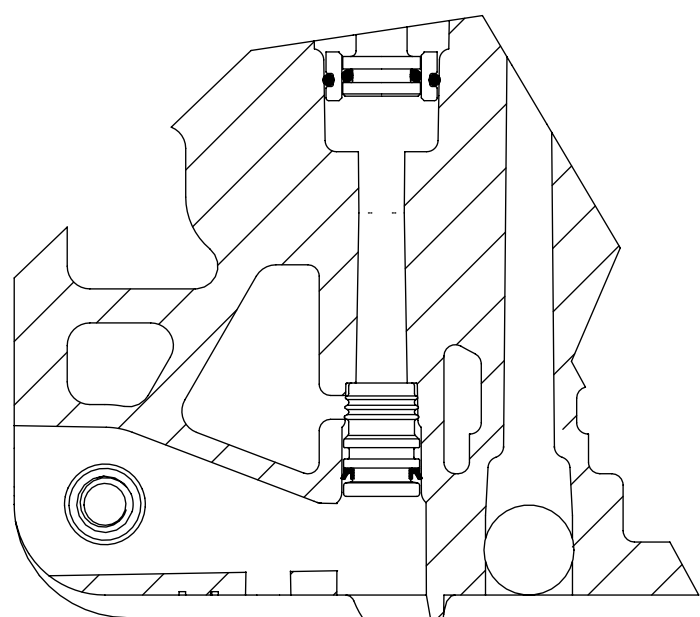
SHOWN WITH VALVE (A) & BLANK PLUG (B),
BOTTOM PORTS & RECESSED WITH LEVER
NON-LOCKING (#5) MANUAL OPERATOR
(SEE BELOW FOR ADDITIONAL OPTIONS)



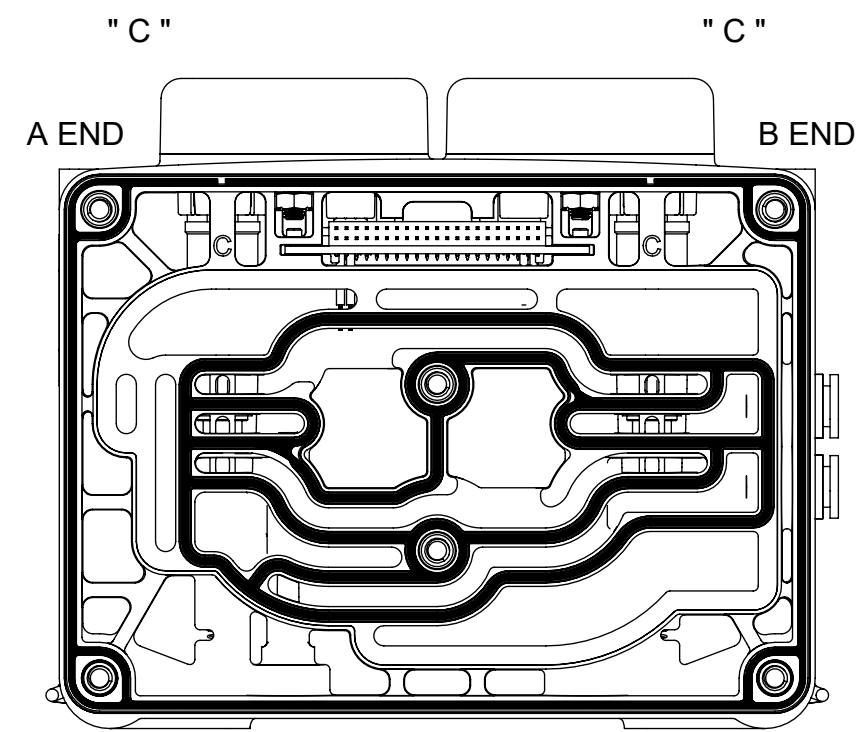
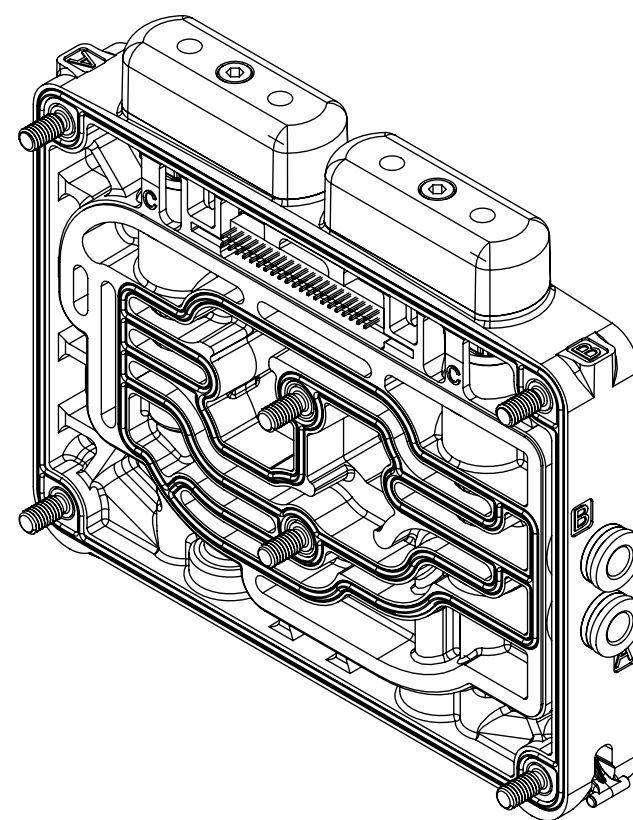
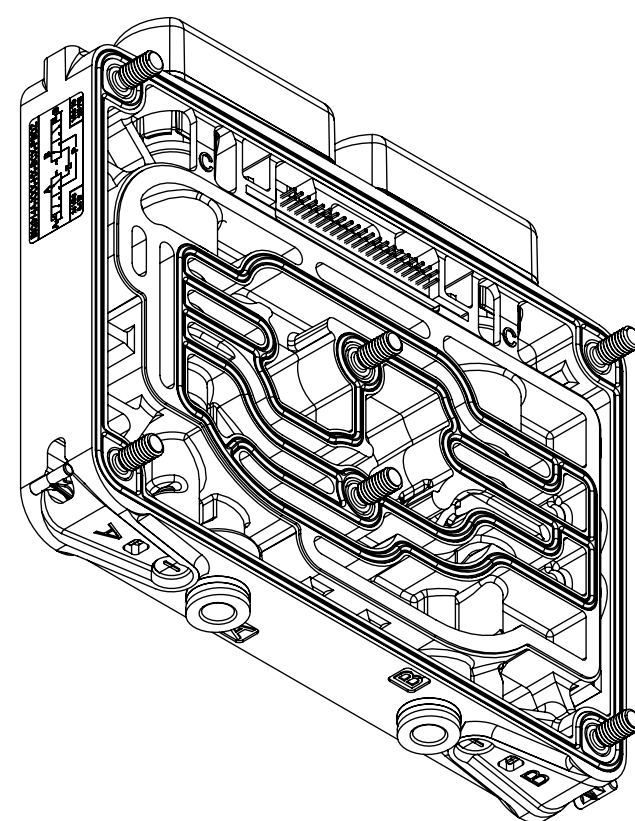
RECESSED (#1)
(NON-LOCKING)



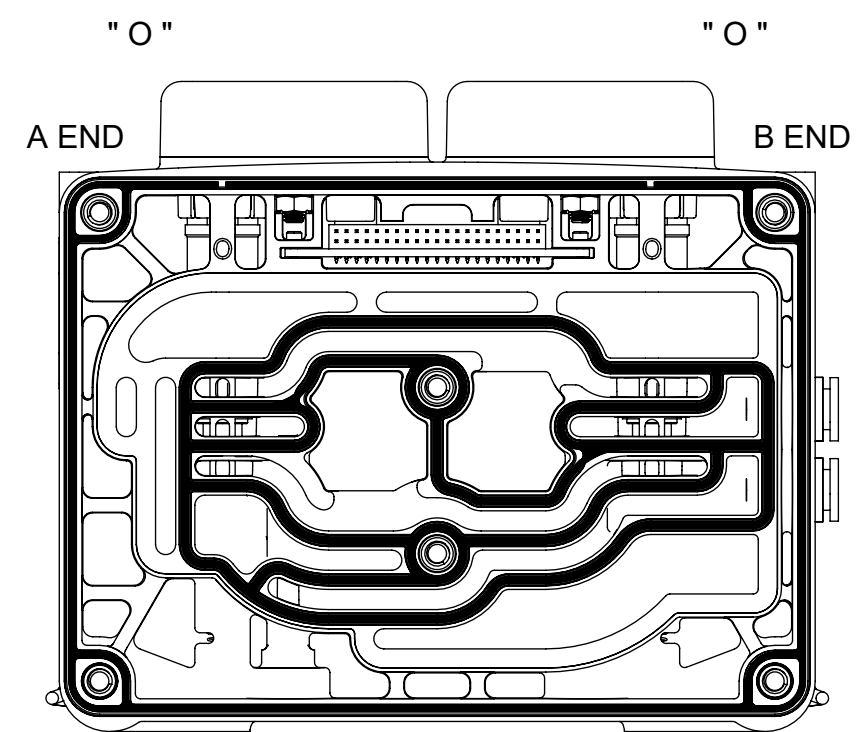
EXTENDED (#3)
(NON-LOCKING)



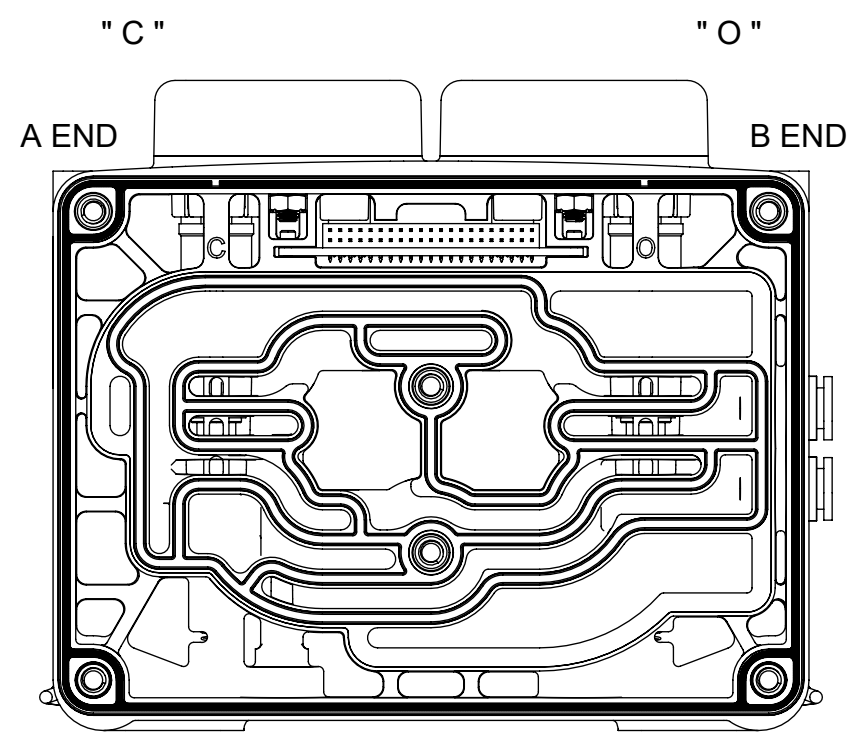
NONE (#0)



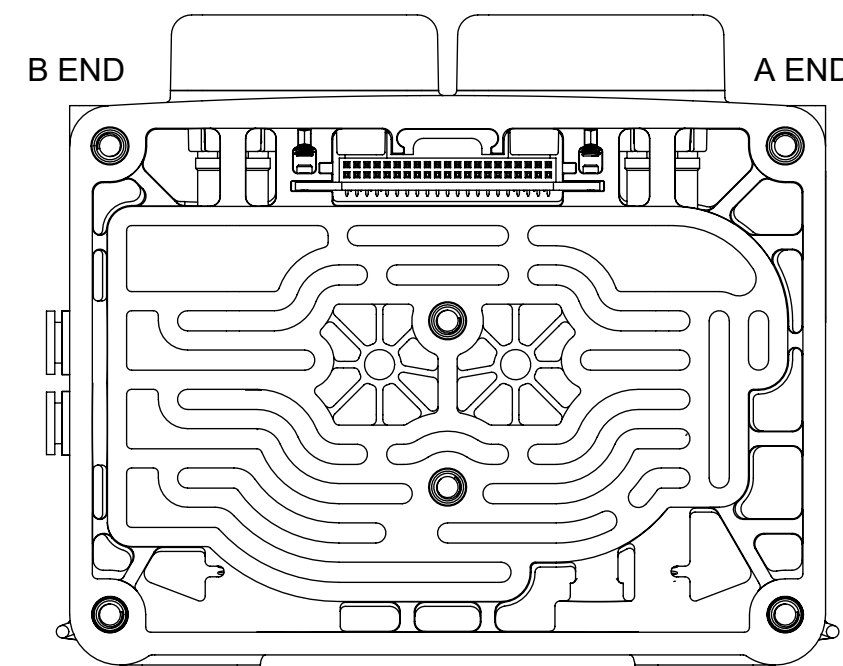
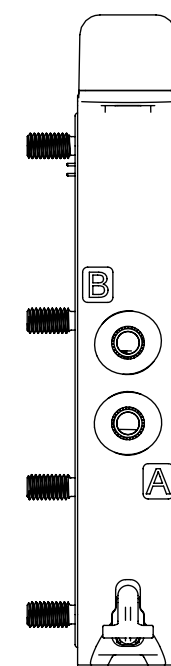
N.C. (A END)
N.C. (B END)



N.O. (A END)
N.O. (B END)



N.C. (A END)
N.O. (B END)



ISOLATION

MANIFOLD TYPE :

- 1 : N.C. (A) & N.C. (B)
- 2 : N.O. (A) & N.O. (B)
- 3 : N.C. (A) & N.O. (B)
- 5 : N.C. (A) & N.C. (B) WITH ISOLATION
- 6 : N.O. (A) & N.O. (B) WITH ISOLATION
- 7 : N.C. (A) & N.O. (B) WITH ISOLATION

MANIFOLD CONFIGURATION :

- 1 : VALVES (A & B)
- 2 : VALVE (A) & BLANK PLUG (B)
- 3 : BLANK PLUG (A) & VALVE (B)
- * 4 : BLANK PLUGS (A & B)

BiQ314A-X X X-H X-BCX-PBDZ

COIL

CIRCUIT BOARD
(IN VALVE)

PLUG-IN

BASE TYPE & CONFIGURATION :

PLUG-IN WITH WIRES

C : SIDE PORTS

D : BOTTOM PORTS

PLUG-IN WITH PCB

1 : SIDE PORTS

2 : BOTTOM PORTS

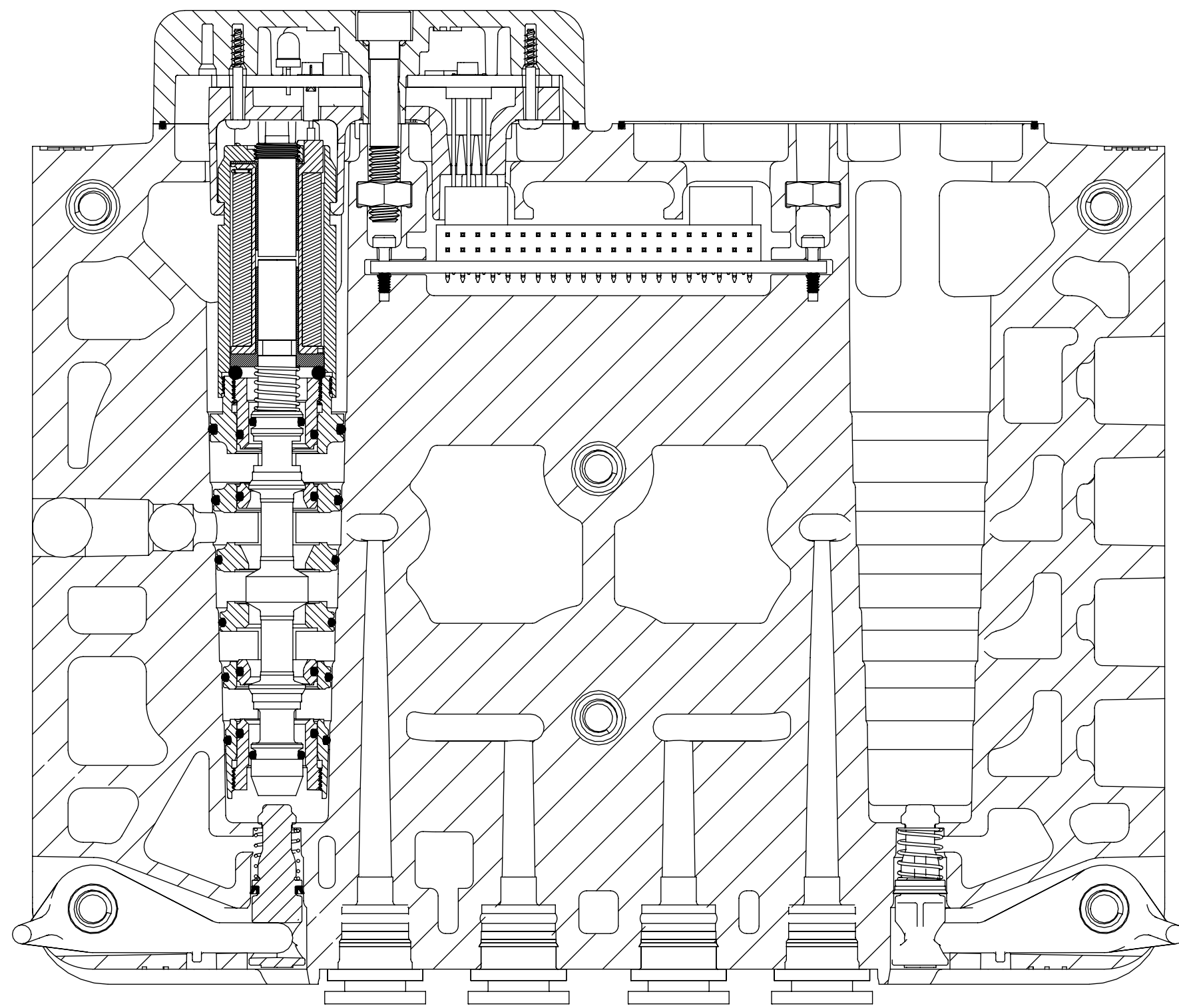
PORT SIZE :

H : 1/4" OD TUBE FITTING

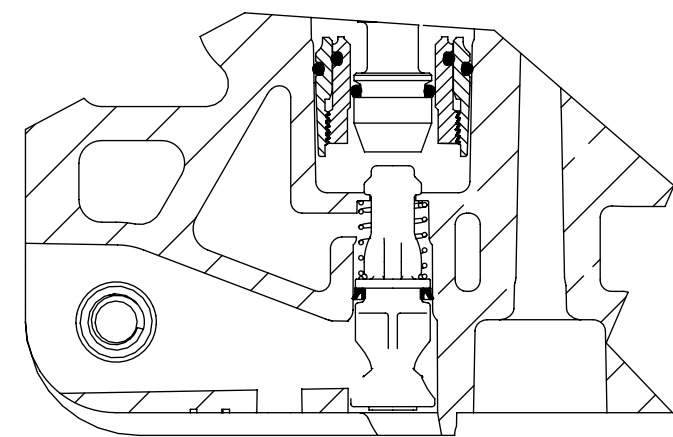
MANUAL OPERATOR :

- 0 : NO OPERATOR (NONE)
- 1 : RECESSED (NON-LOCKING)
- 3 : EXTENDED (NON-LOCKING)
- 5 : RECESSED WITH LEVER (NON-LOCKING)

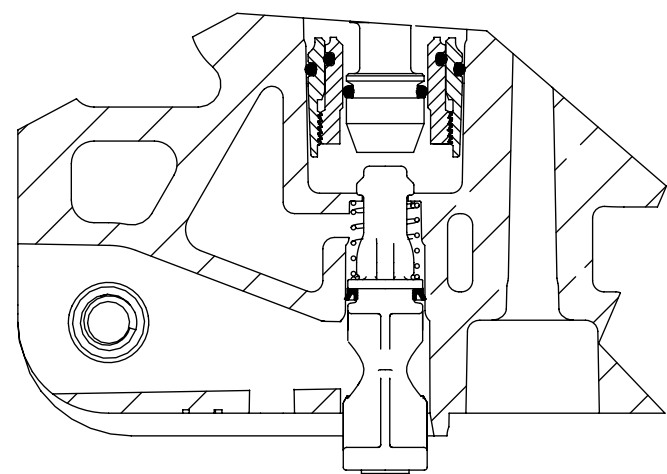
SHOWN WITH
N.C. & N.C.
(A & B ENDS)



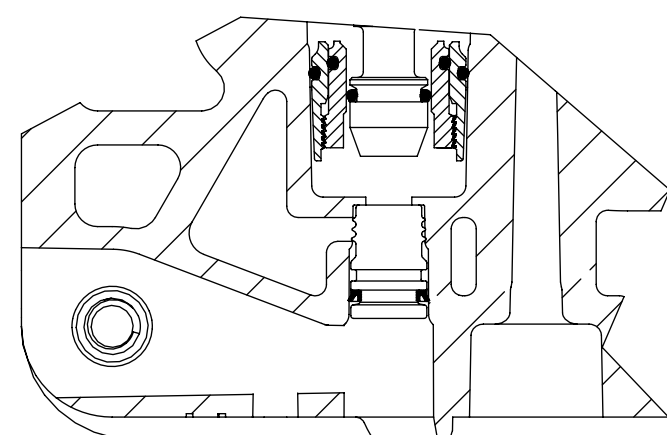
SHOWN WITH VALVE (A), BLANK PLUG (B),
BOTTOM PORTS & RECESSED WITH LEVER
NON-LOCKING (#5) MANUAL OPERATOR
(SEE BELOW FOR ADDITIONAL OPTIONS)



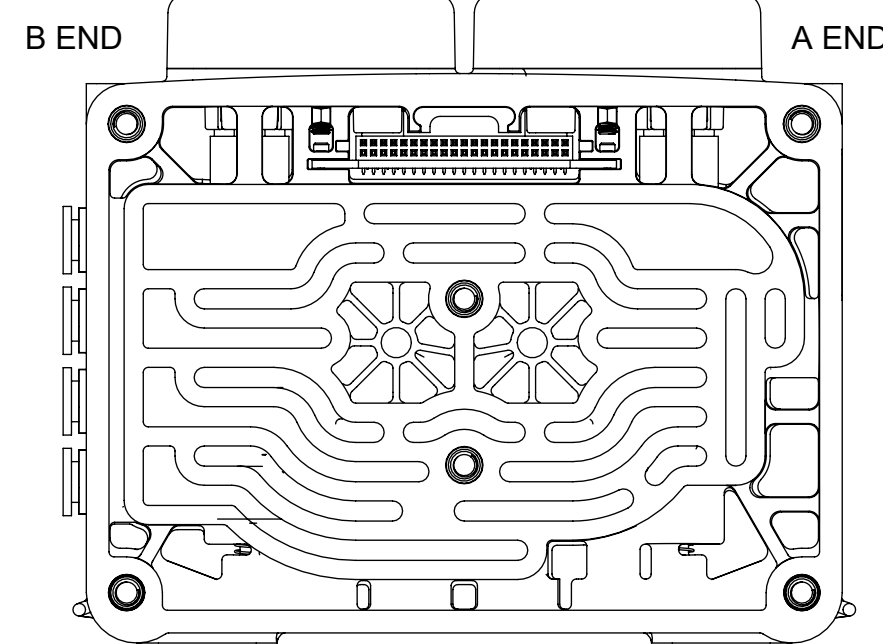
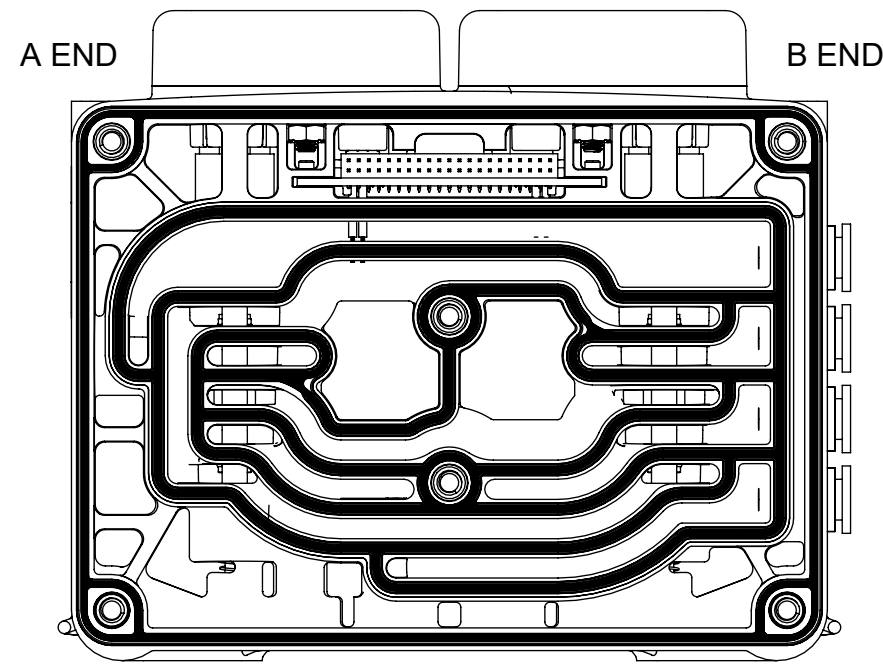
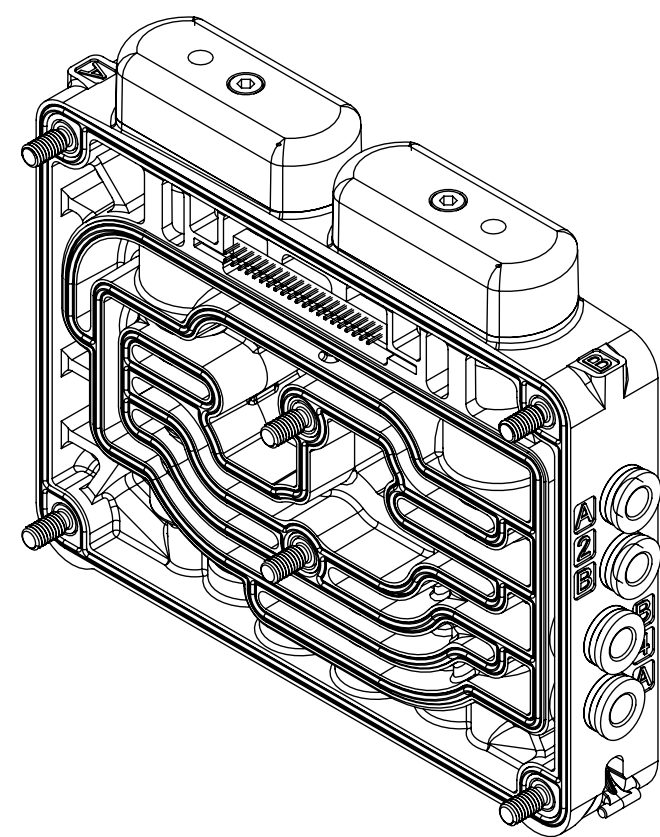
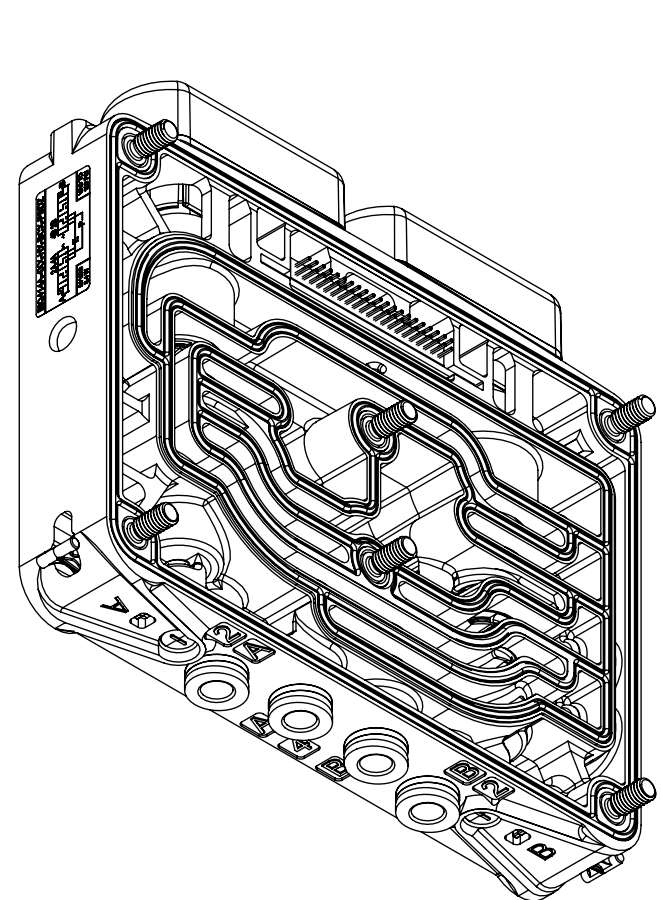
RECESSED (#1)
(NON-LOCKING)



EXTENDED (#3)
(NON-LOCKING)



NON (#0)



ISOLATION

MANIFOLD TYPE :
4 : STANDARD
8 : WITH ISOLATION

MANIFOLD CONFIGURATION :
1 : VALVES (A & B)
2 : VALVE (A) & BLANK PLUG (B)
3 : BLANK PLUG (A) & VALVE (B)
* 4 : BLANK PLUGS (A & B)

BiQ414A-X X X-H X-BCX-PBDZ

COIL

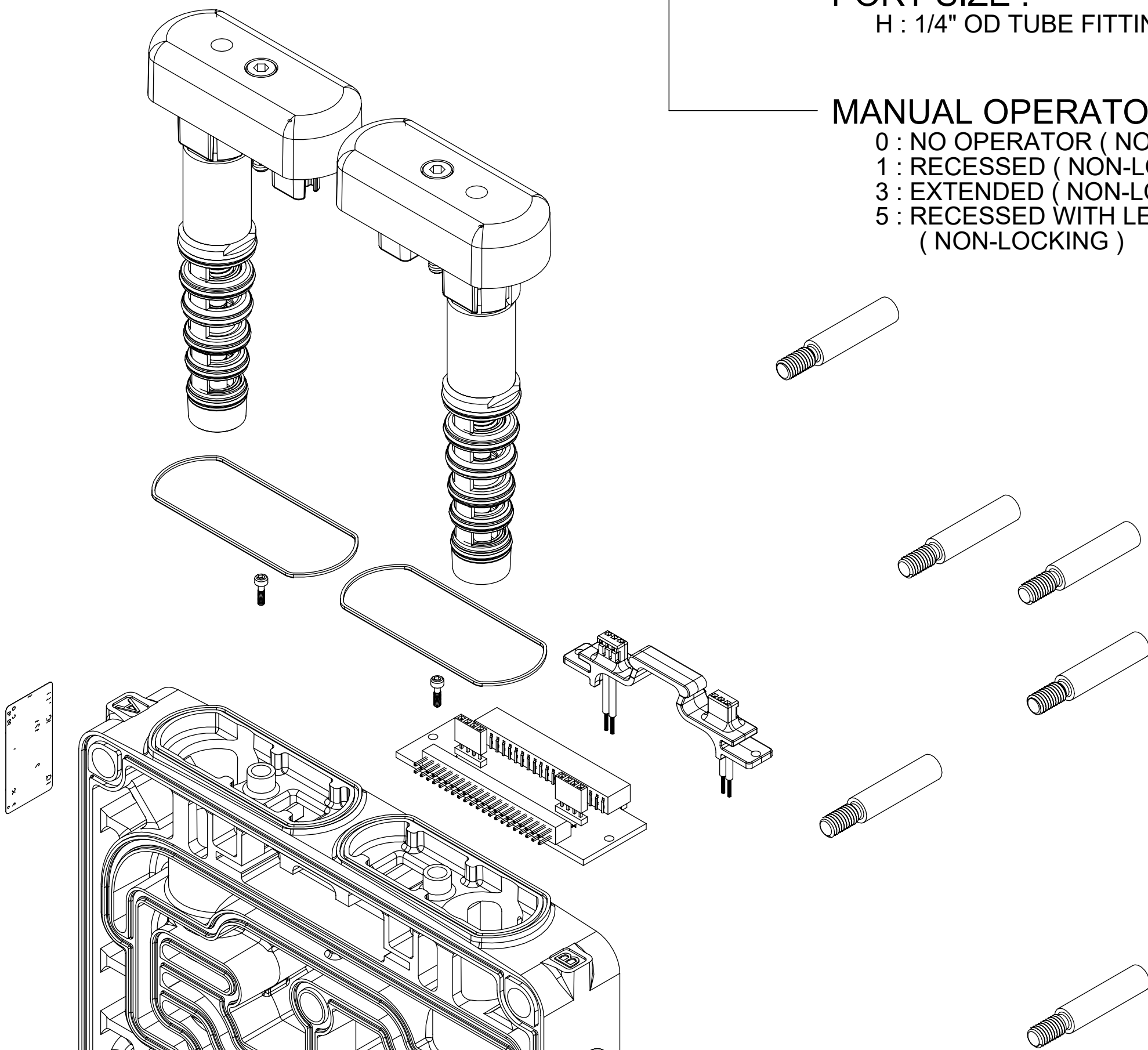
CIRCUIT BOARD
(IN VALVE)

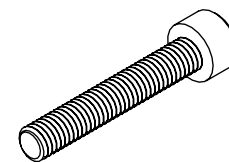
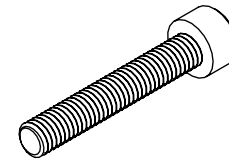
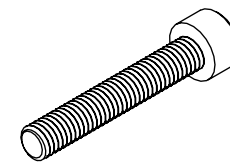
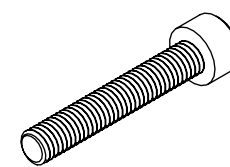
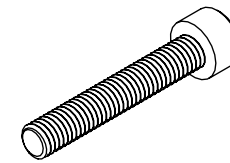
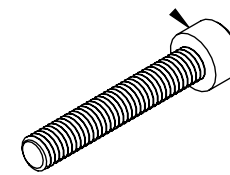
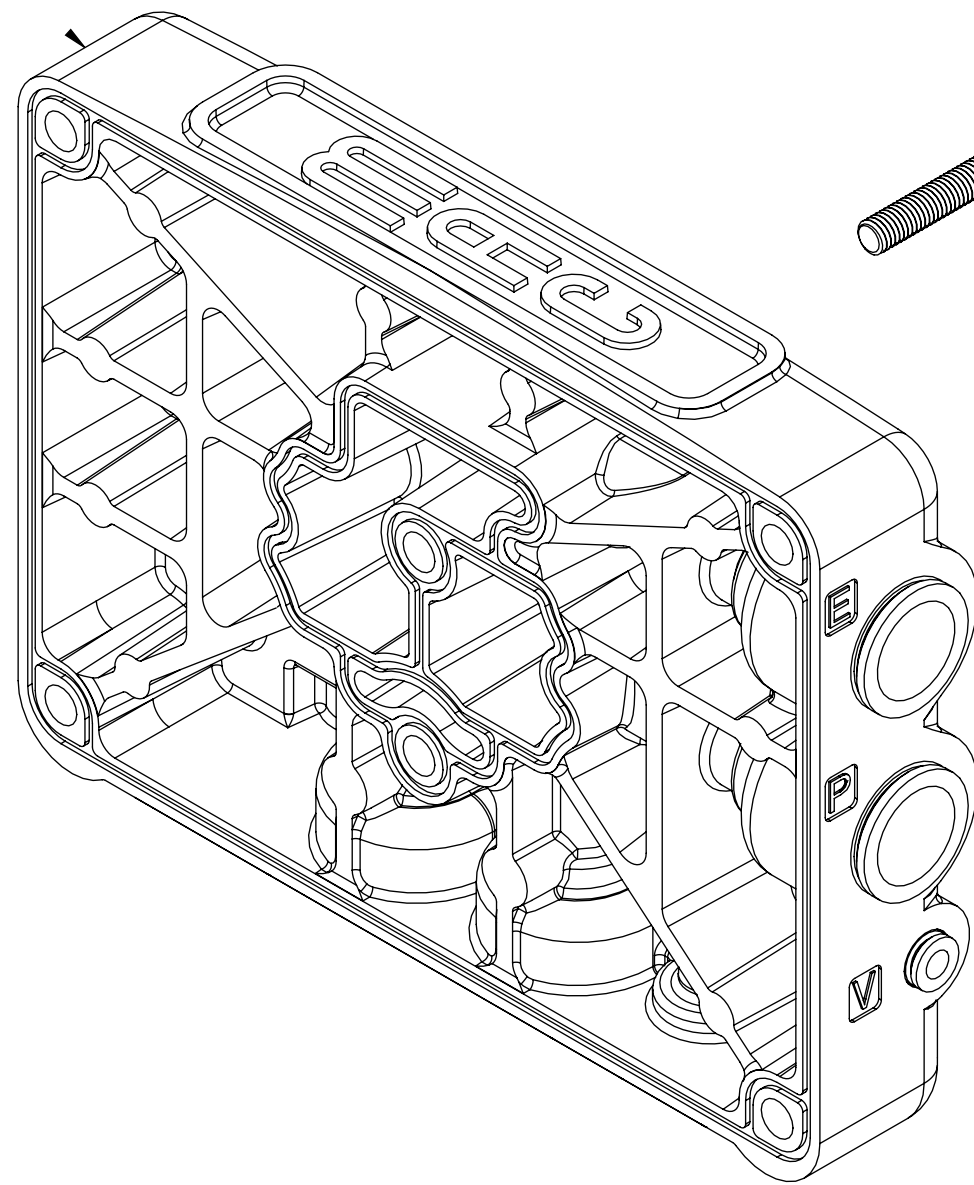
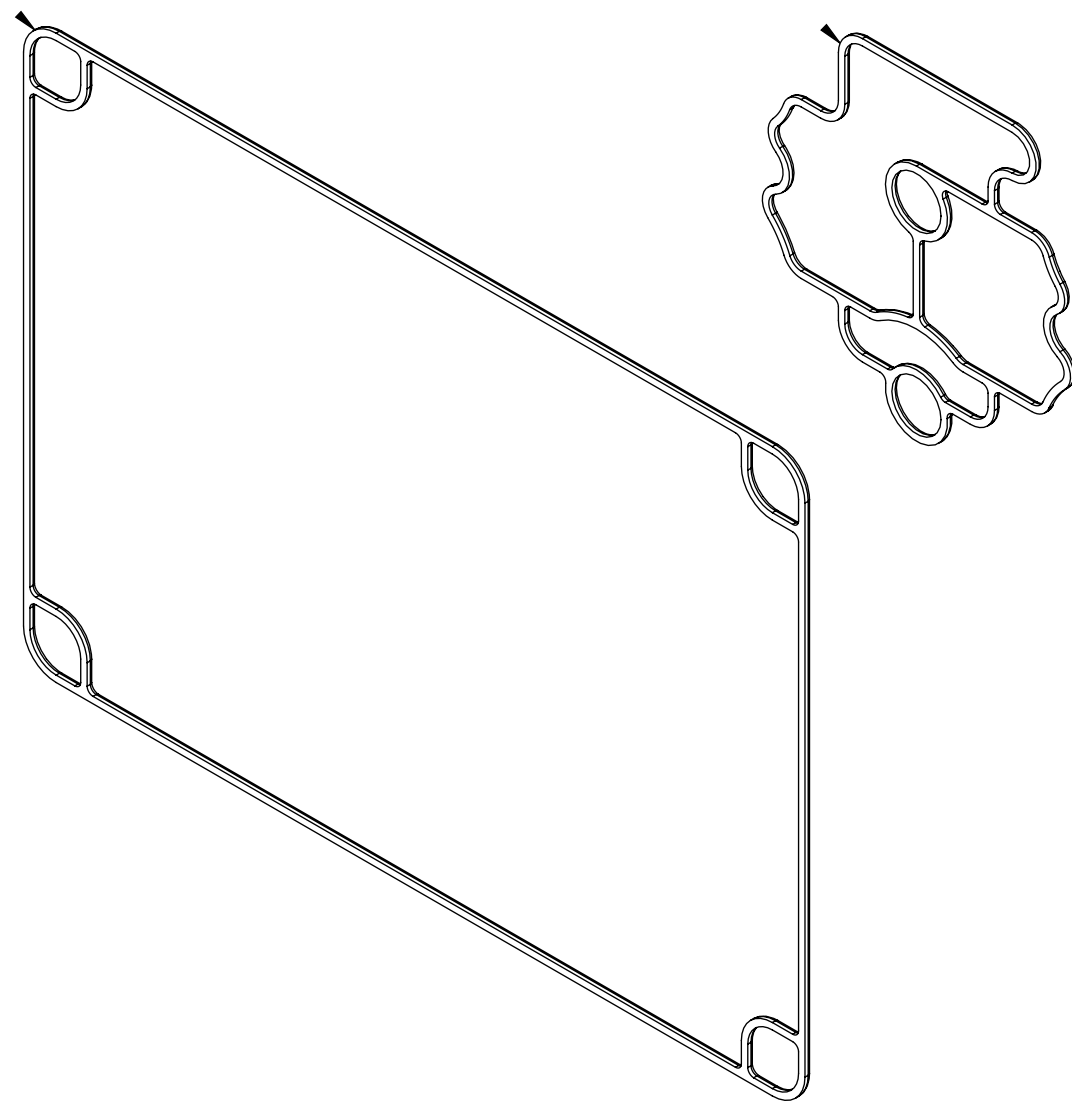
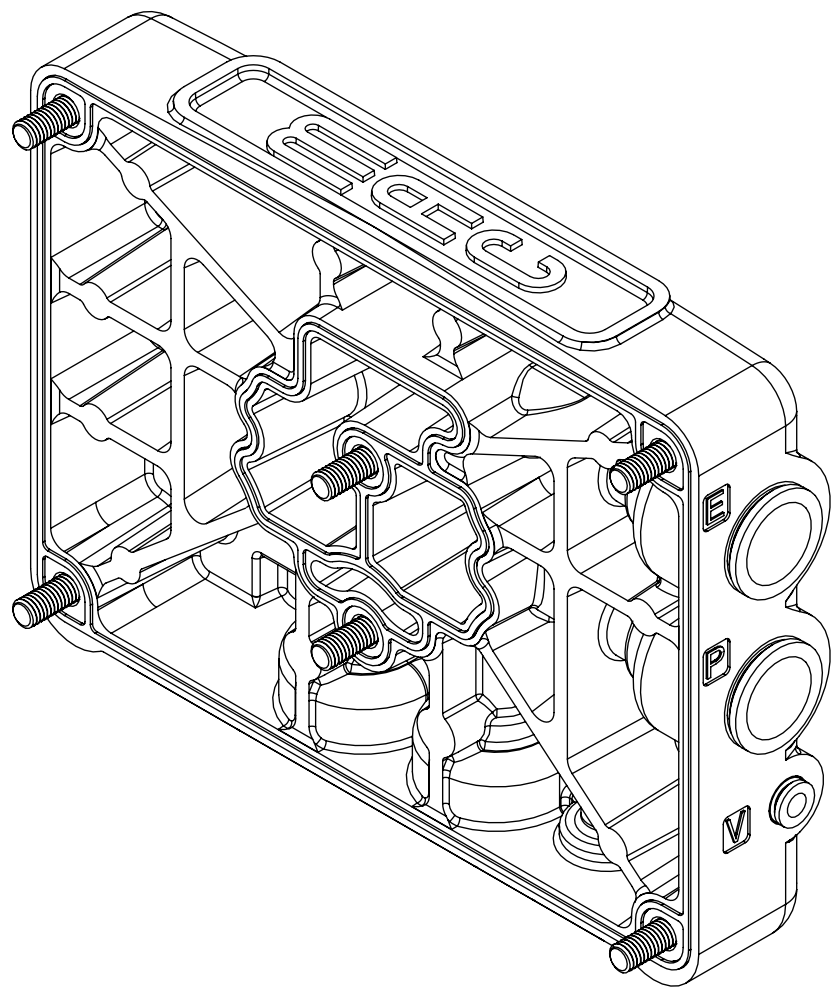
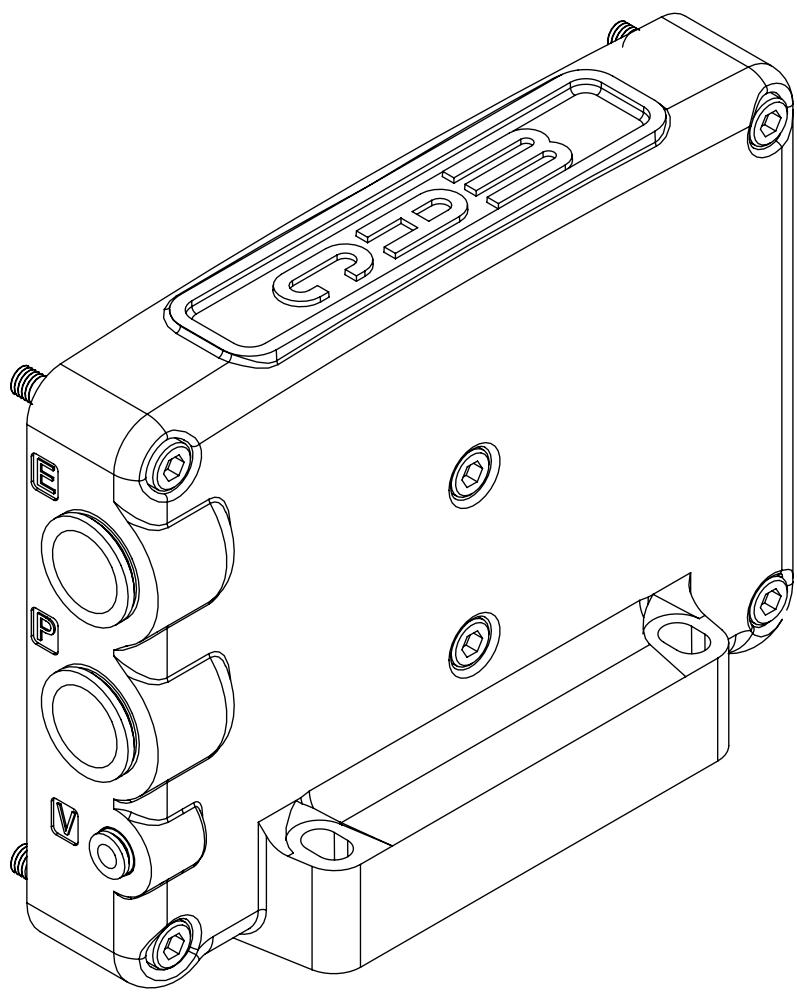
PLUG-IN

BASE TYPE & CONFIGURATION :
PLUG-IN WITH WIRES
C : SIDE PORTS
D : BOTTOM PORTS
PLUG-IN WITH PCB
1 : SIDE PORTS
2 : BOTTOM PORTS

PORT SIZE :
H : 1/4" OD TUBE FITTING

MANUAL OPERATOR :
0 : NO OPERATOR (NONE)
1 : RECESSED (NON-LOCKING)
3 : EXTENDED (NON-LOCKING)
5 : RECESSED WITH LEVER
(NON-LOCKING)





M - BiQ01 - V - Y - Z

PORT SIZE :

1 : M12 OD TUBE FITTING

PORT LOCATION :

1 : SIDE

2 : BOTTOM

PORT TYPE :

F : TUBE FITTING

M - BiQ02 - XX - V - Y - Z

- CONNECTORS :
- 00 : NONE (CONDUIT)
 - 09 : 9 PIN (SUB-D)
 - 15 : 15 PIN (SUB-D)
 - 24 : 24 PIN CPC
 - 25 : 25 PIN (SUB-D)
 - 26 : 26 PIN (CIRCULAR)
 - 37 : 37 PIN CPC
 - 67: MIO-67 ADAPTER

PORT TYPE :
F : TUBE FITTING

PORT SIZE :
1 : M12 OD TUBE FITTING

PORT LOCATION :
1 : SIDE
2 : BOTTOM

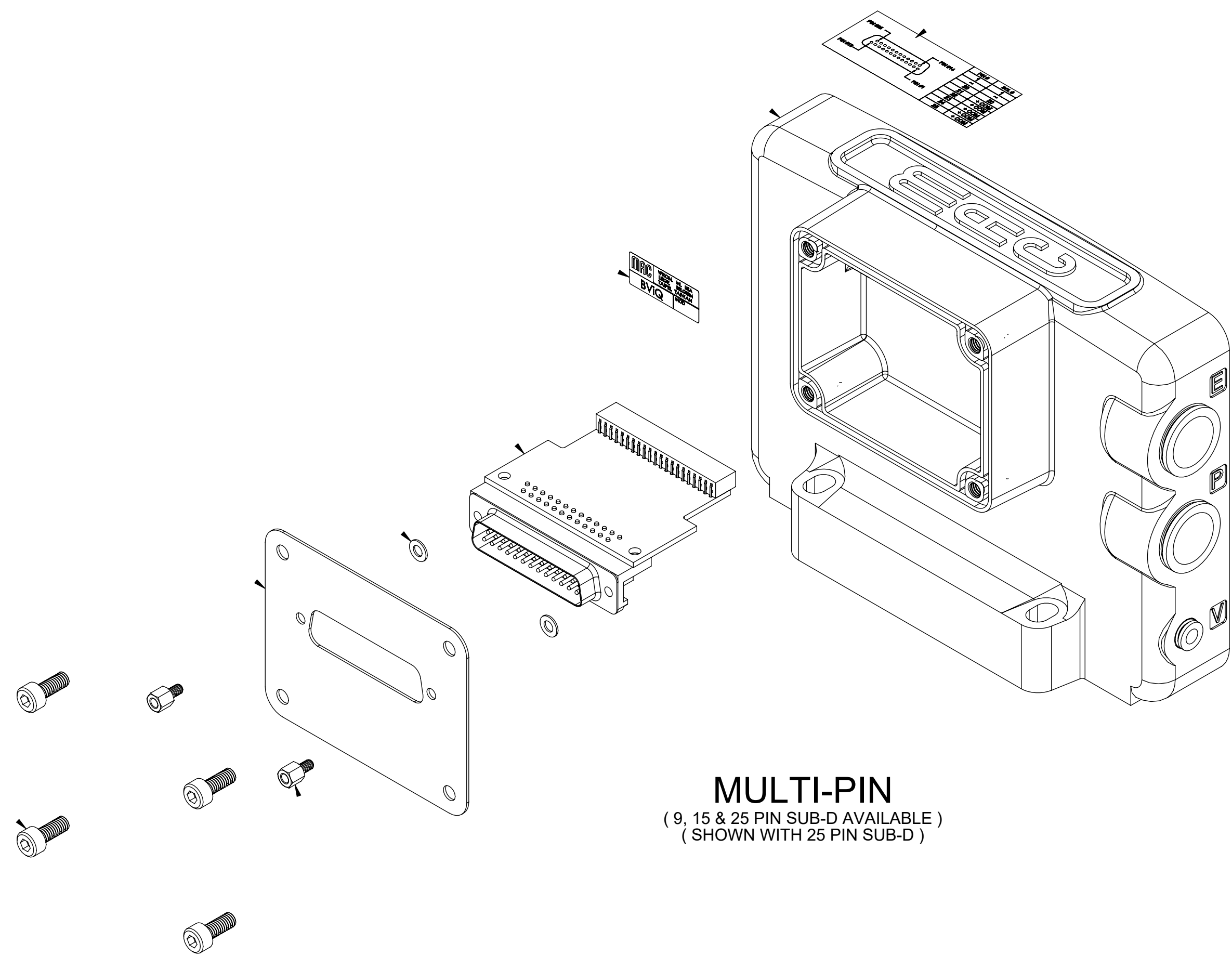
MULTI-PIN
(9, 15 & 25 PIN SUB-D AVAILABLE)
(SHOWN WITH 25 PIN SUB-D)

26 PIN
CIRCULAR

24 / 37 PIN CPC
(SHOWN WITH 24 PIN)

MIO-67

CONDUIT



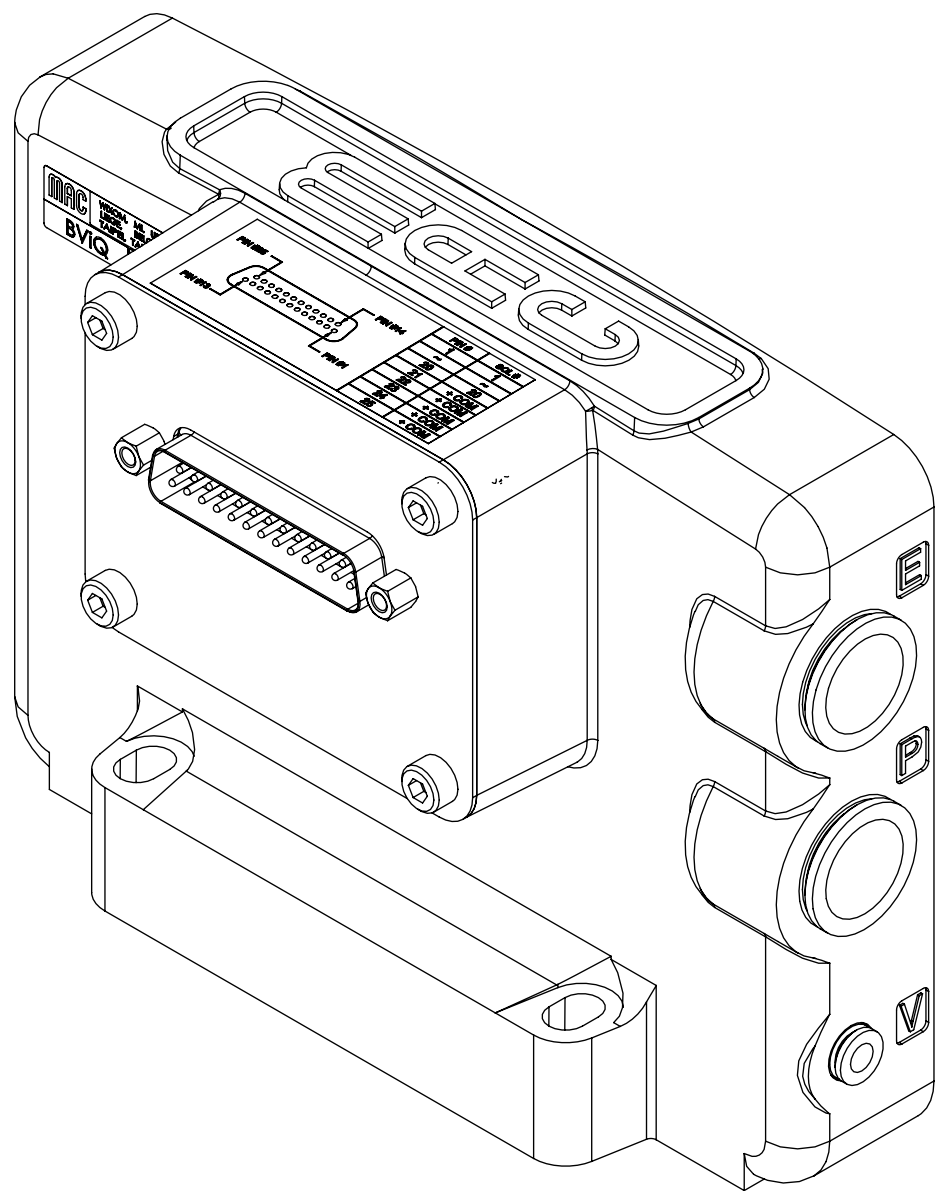
M - BiQ03 - XX - V - Y - Z

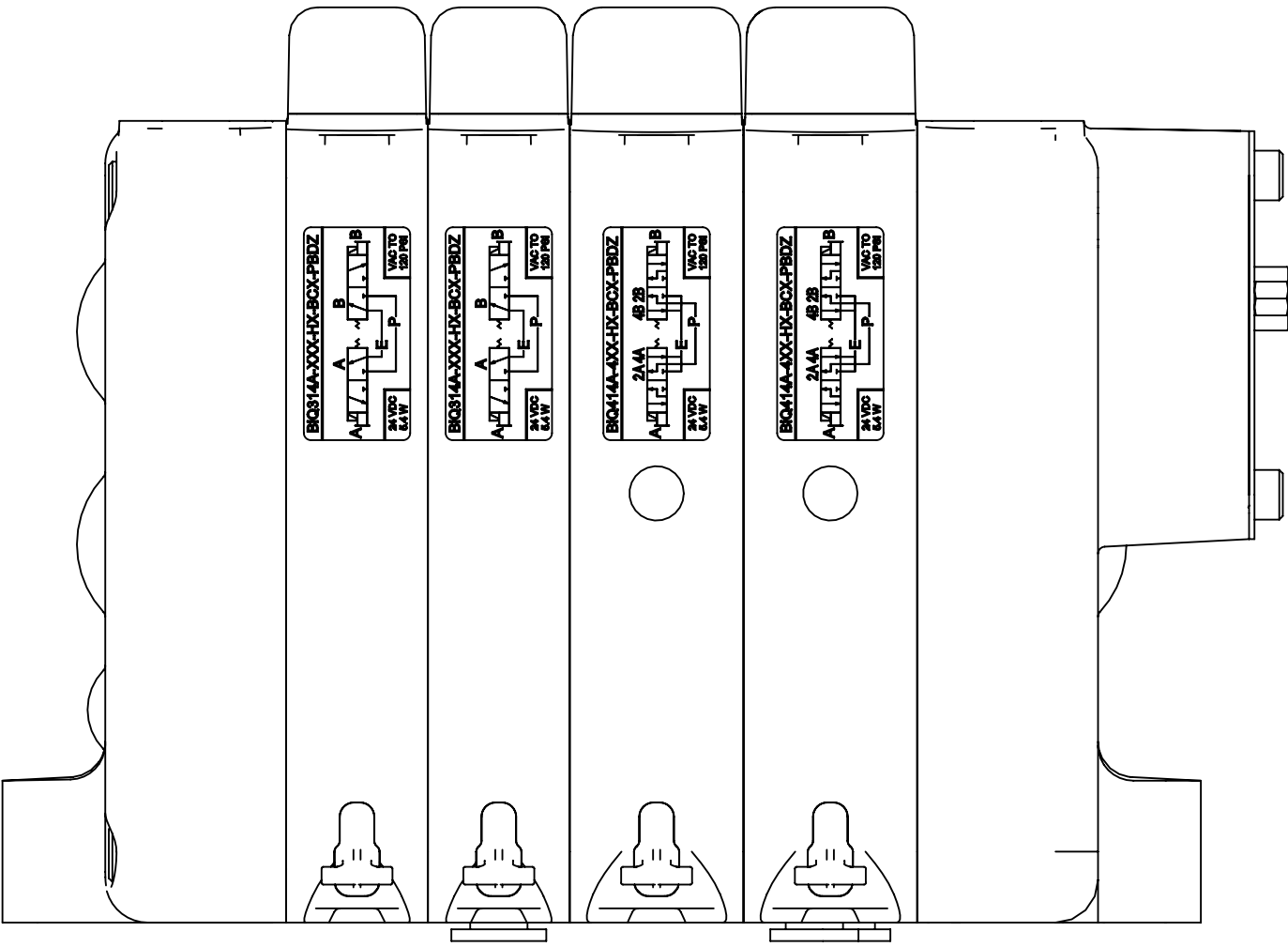
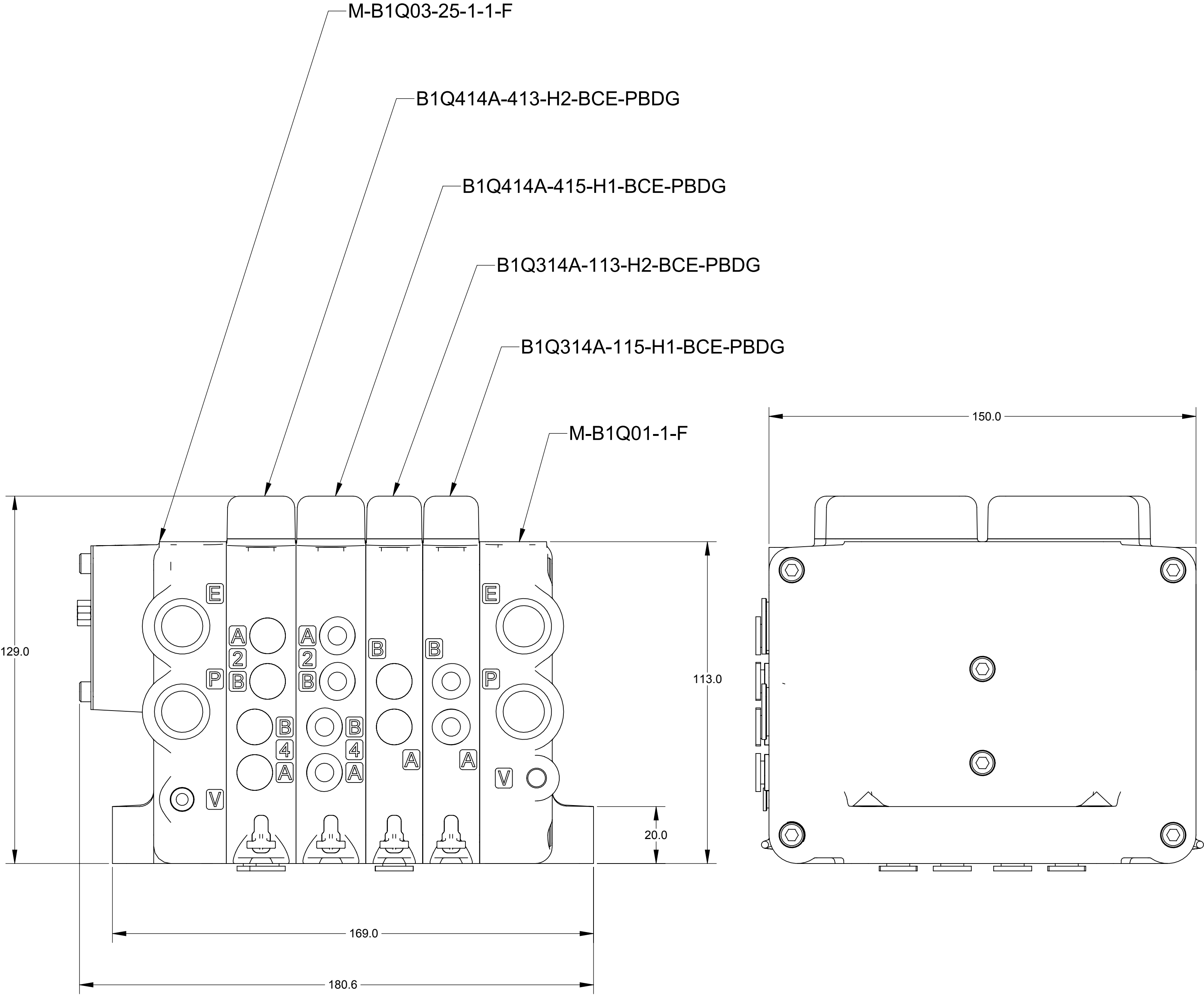
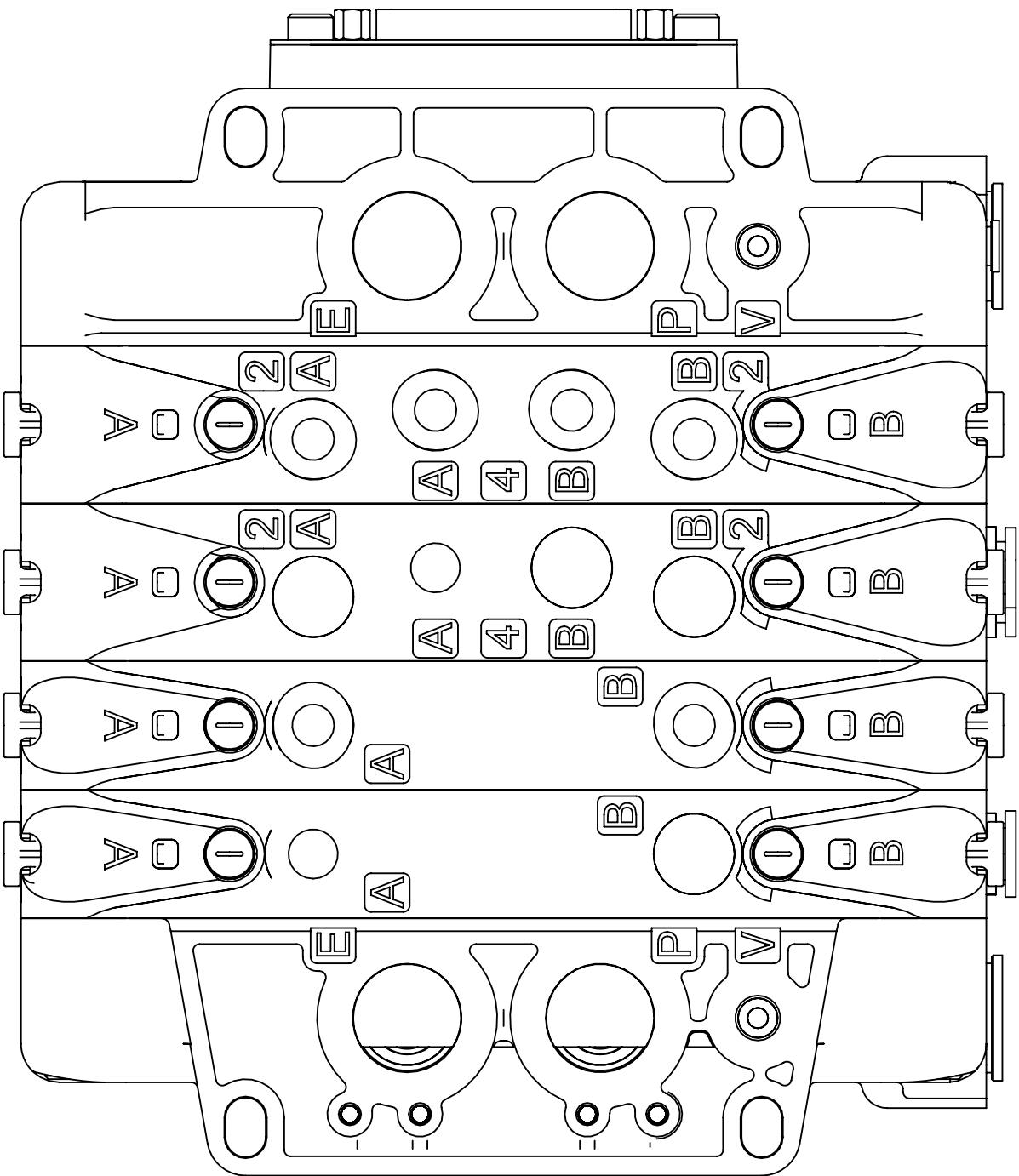
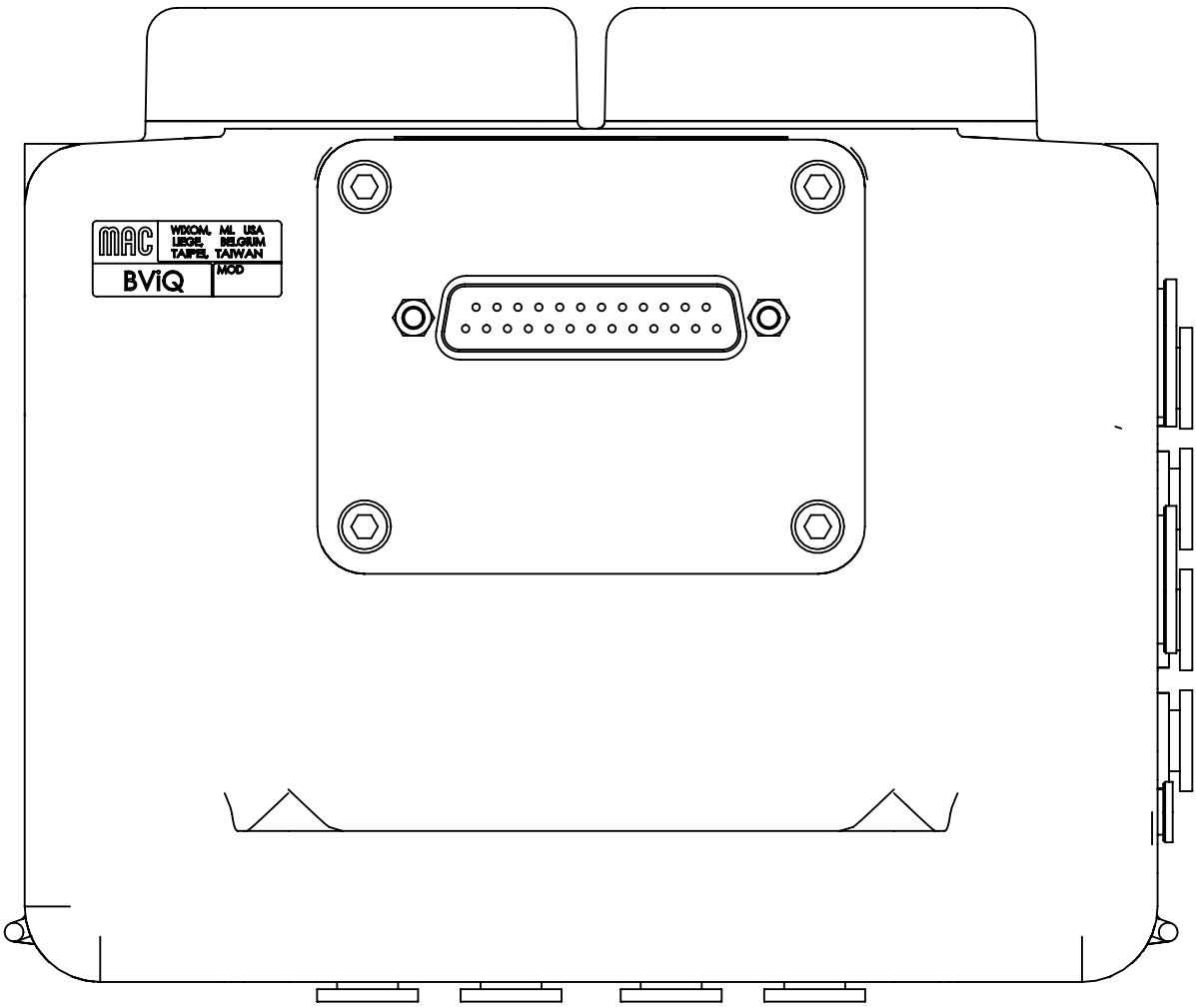
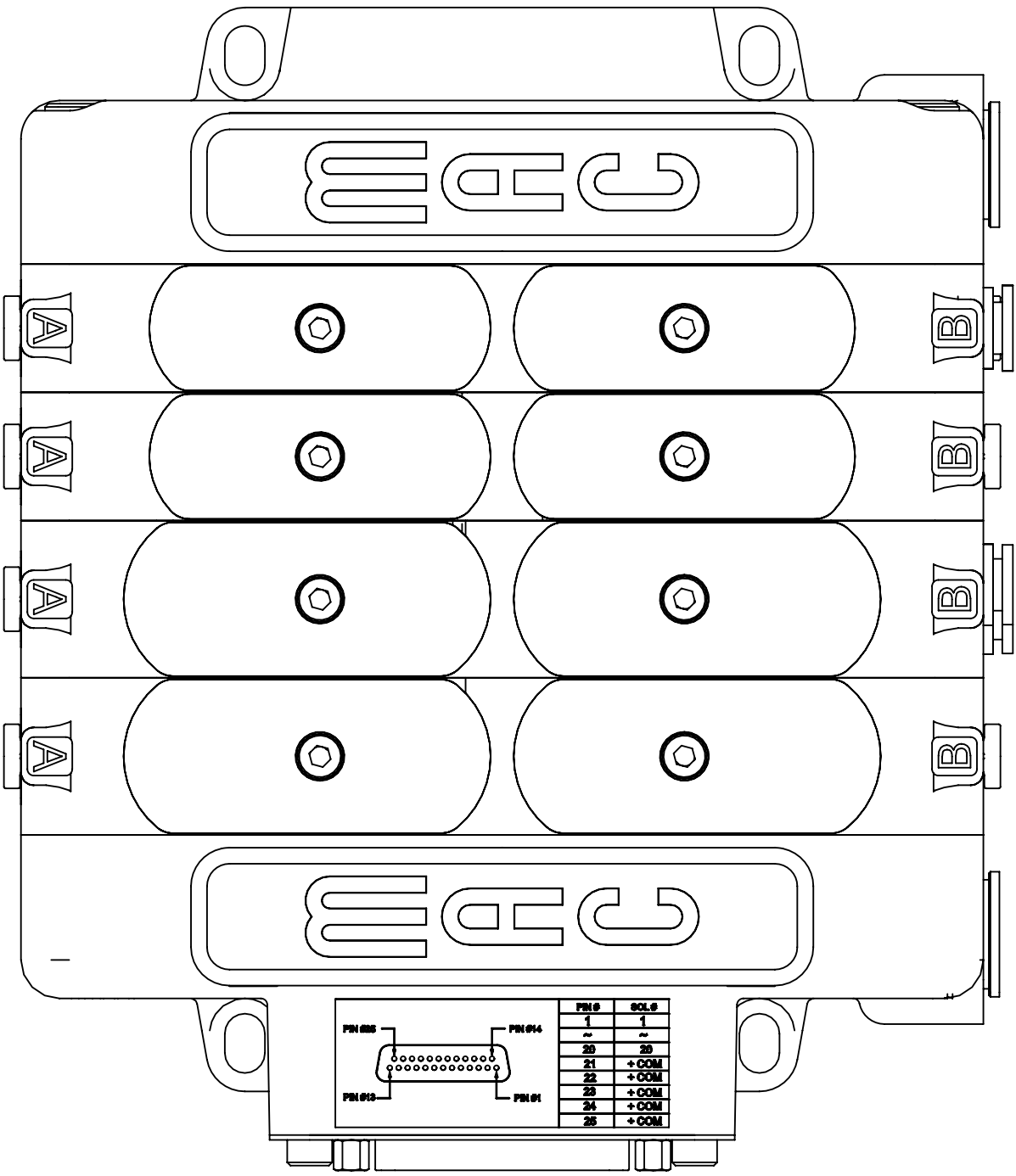
CONNECTORS :
09 : 9 PIN (SUB-D)
15 : 15 PIN (SUB-D)
25 : 25 PIN (SUB-D)

PORT TYPE :
F : TUBE FITTING

PORT SIZE :
1 : M12 OD TUBE FITTING

PORT LOCATION :
1 : SIDE
2 : BOTTOM





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DRAWN PRS		WIXOM, MICHIGAN	
DATE 05/10/19		PART NAME BVIQ SERIES	PART NUMBER 4 STATION BVIQ ASSEMBLY
- STANDARD DIMENSIONS ARE IN MILLIMETERS. - DIMENSIONS SHOWN AS APPROX. NOMINAL WITHOUT TOLERANCES.			
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