

How to Order Non Plug-In Circuit Bar For 42 Series

EBM42A - XX X X X - XX - 9

Valves, Blank Station Cover Plates Assembled to Bar

Number of Stations

Spacing

00 10.5 mm

Configuration

30.5 mm Profile Bar

- A Side Cyl. Ports
- B Bottom Cyl. Ports

45.0 mm Profile Bar

- C Side Ports W / Flow Controls
- D Bottom Cyl. Ports W / Flow Controls
- * E Side Ports W / Reg.
- * F Bottom Cyl. Ports W / Reg.
- * G Side Ports, Flow Controls & Regulator
- * H Bottom Cyl. Ports, Flow Controls & Regulator.

* Regulator Must Be
Ordered Separately
i.e. PR42A-COAA

Style and Pilot

Internal Pilot

- A Standard
- B Add-On Style

External Pilot

- D Standard
- E Add-On Style

End Plate Kit Included
With Options "B" & "E"

Cyl. Port Size & thread Type

With NPTF Common Ports

- A 10-32
- B M5
- C M7
- D 5/32 Tube Receptacle (Pressed In)
- E 6 mm Tube Receptacle**
- F 1/4" Tube Receptacle**

With BSPPL Common Ports

- G M5
- H M7
- J 5/32 Tube Receptacle (Pressed In)
- K 6 mm Tube Receptacle**
- L 1/4" Tube Receptacle**

With BSPTR Common Ports

- M M5
- N M7
- P 5/32 Tube Receptacle (Pressed In)
- R 6 mm Tube Receptacle**
- S 1/4" Tube Receptacle**

** Threaded Fitting

End Plates & Miscellaneous Parts

M-42001-01(*)	Right Hand End Plate Kit 30.5 mm Profile Int. Pilot
M-42001-02(*)	Right Hand End Plate Kit 30.5 mm Profile Ext. Pilot
M-42004	Blank Station Cover Plate Kit
28454	Isolator Disc (Inlet and Exhaust)
28455	Isolator Disc Pilot Supply Ports
32625	6mm Tube Receptacle
32627	1/4" Tube Receptacle

Note: The Add-A-Unit for an Add-On style bar is
the non plug-in die cast Add-A-Unit manifold base.
Option only for the 30.5mm profile.

(*) P= BSPPL T= BSPTR Blank= St'd NPTF

How to Order Plug-In Circuit Bar For 42 Series

ECD42A - X X X X X - X X X X - 9

Number of Stations
Valves, Cover Plates Assembled to Manifold

Spacing

Configuration

Style and Pilot

Cyl. Port Size & Thread Type

Base Electrical

00 10.5 mm

30.5 mm Low Profile Bar

- A Side Cyl. Ports
- B Bottom Cyl. Ports
- * C Bottom Cyl's. w / Reg
- D Bottom Cyl's. w / F.C.

43.75 mm Mid Profile Bar

- E Side Cyl. Ports w / Flow Controls

55.7 mm High Profile Bar

- † * J Bottom Cyl. Ports w / Flow Controls & Regulator On Same End

* Regulator Must Be Ordered Separately I.E. PR42A-COAA

† Reg. Must Be Ordered w / o Gage Port Option

Internal Pilot

- A Standard
- B Add-On Style

External Pilot

- D Standard
- E Add-On Style

Right-Hand End Plate Kit Included w / Bar For Options "B" & "E"

The Die Cast Manifold Base To Be Used As The Add-A-Unit For The Add-On Style Bars. Available For 30.5 mm Profile Bars, Options "A" & "B" Only

With NPTF Common Ports

- A 10-32
- B M5
- C M7
- D 5/32 Tube Receptacle (Pressed In)
- E 6 mm Tube Receptacle**
- F 1/4" Tube Receptacle**

With BSPPL Common Ports

- G M5
- H M7
- J 5/32 Tube Receptacle (Pressed In)
- K 6 mm Tube Receptacle**
- L 1/4" Tube Receptacle**

With BSPTR Common Ports

- M M5
- N M7
- P 5/32 Tube Receptacle (Pressed In)
- R 6 mm Tube Receptacle**
- S 1/4" Tube Receptacle**

** Screw-In Fitting

With NPTF Common Ports

- AO Plug-In, 2 Wires
- BO Plug-In, 2 Wires W / Ground
- CO Plug-In, 4 Wires (Latching)
- DO Plug-In, 4 Wires W / Ground (Latching)
- EO Plug-In, 3 Wires (Dbl. Sol. & Latching)

Note: "AO" Option Is Used For Both Standard and Latching Solenoids

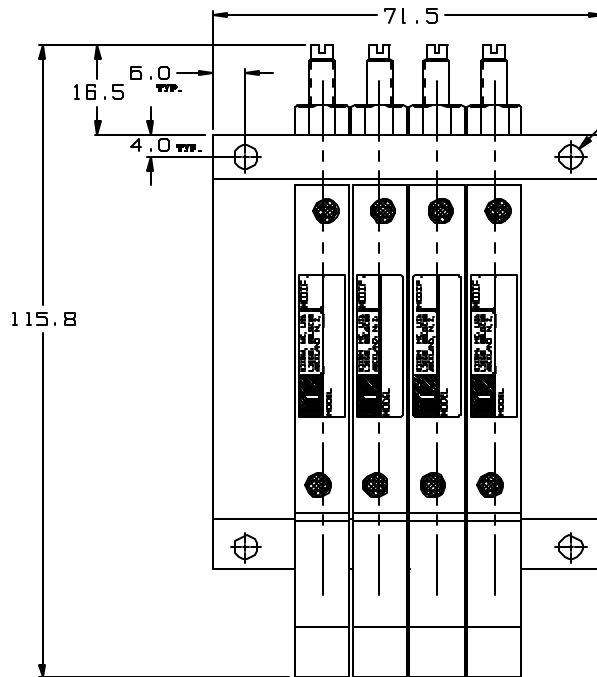
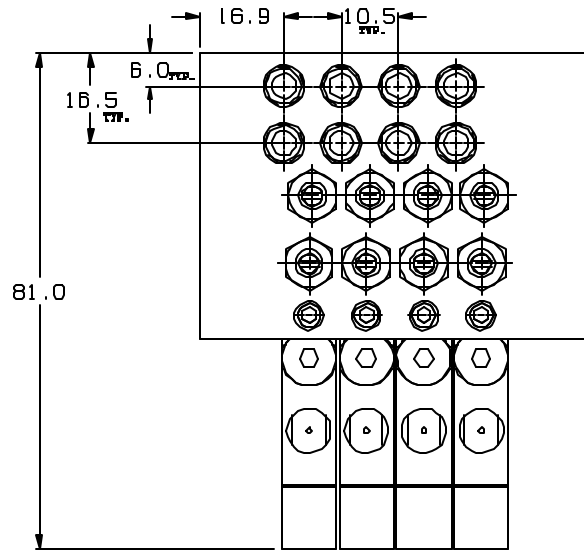
Replacement Parts & Accessories:

- M-42009-01(*) End Plate Kit - Add-On Bar Int. Pilot
- M-42009-02(*) End Plate Kit - Add-On Bar Ext. Pilot
- M-42004 Blank Station Cover Plate
- 28454 Isolator Disc, Inlet & Exhaust, Installed Between Add-A-Unit Stations
- 24180 Base Wire Plug-In Protector

(*) P= BSPPL, T= BSPTR
Blank= ST'D NPTF

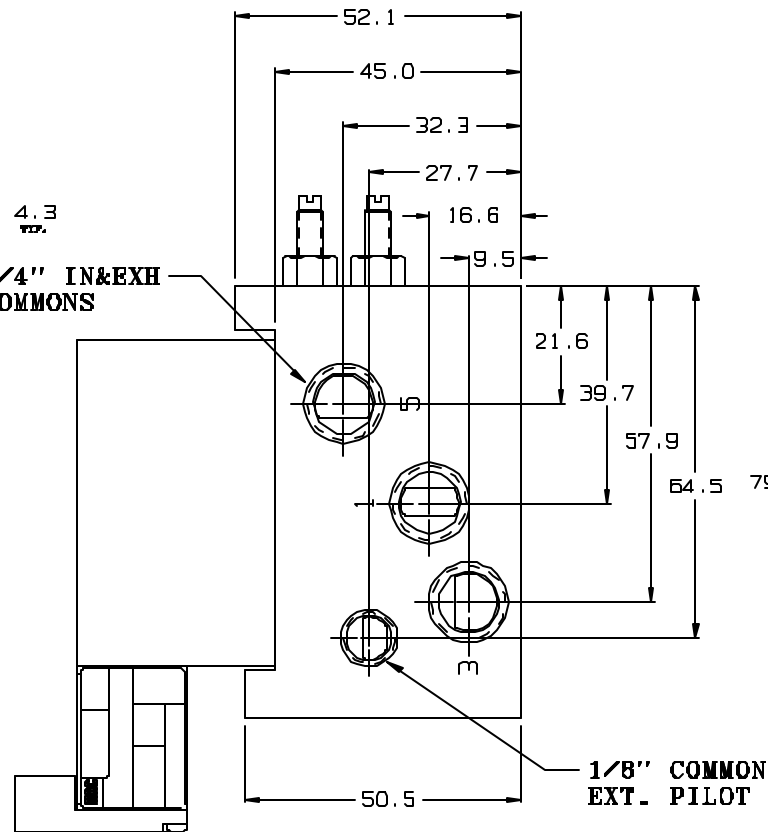
42 SERIES NON PLUG-IN BAR W/ FLOW CONTROLS

(M7 PORTS SHOWN)

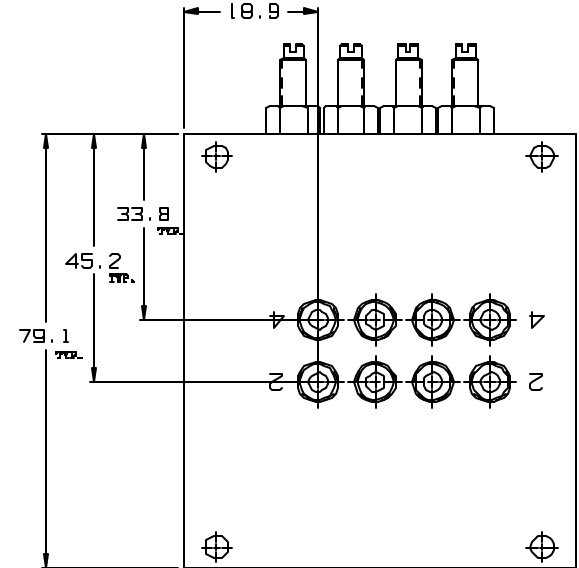


Ø 4.3
TYP.

1/4" IN&EXH
COMMONS



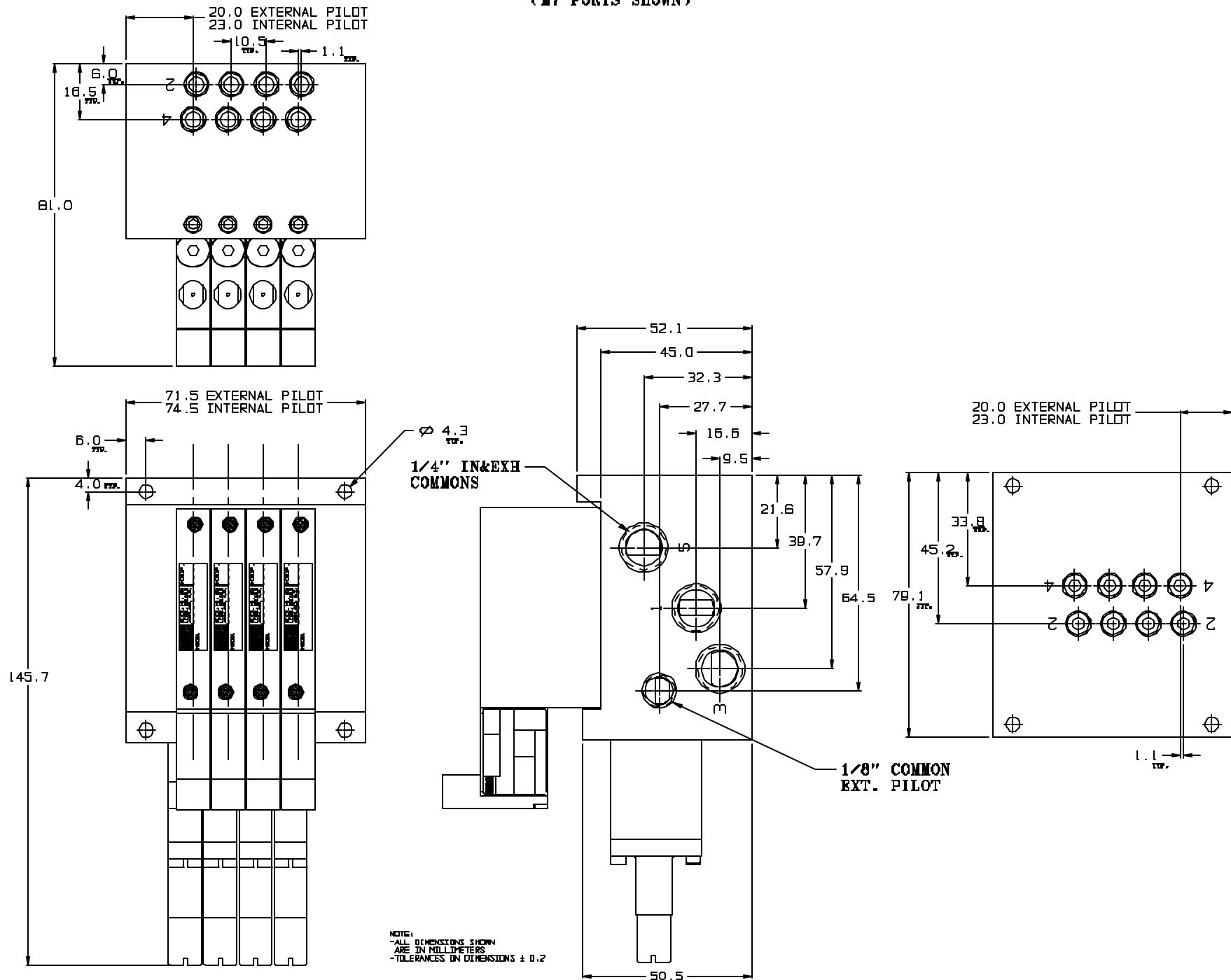
1/8" COMMON
EXT. PILOT



NOTE:
-ALL DIMENSIONS SHOWN
ARE IN MILLIMETERS
-TOLERANCES ON DIMENSIONS ± 0.2

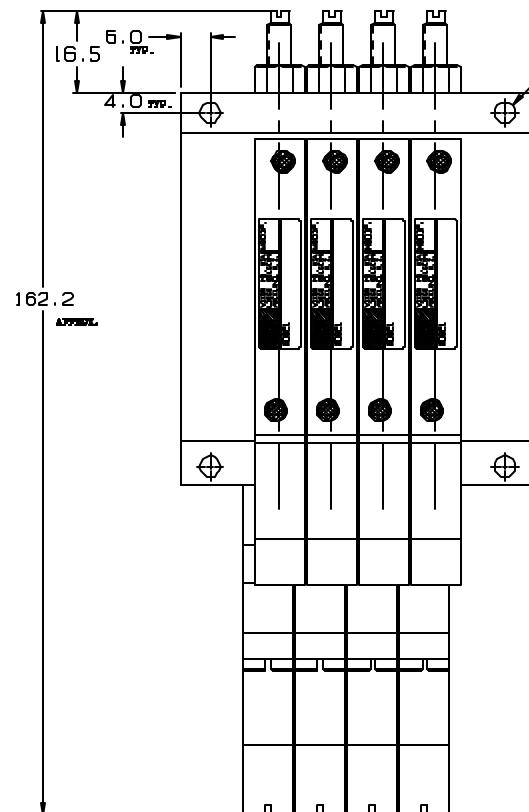
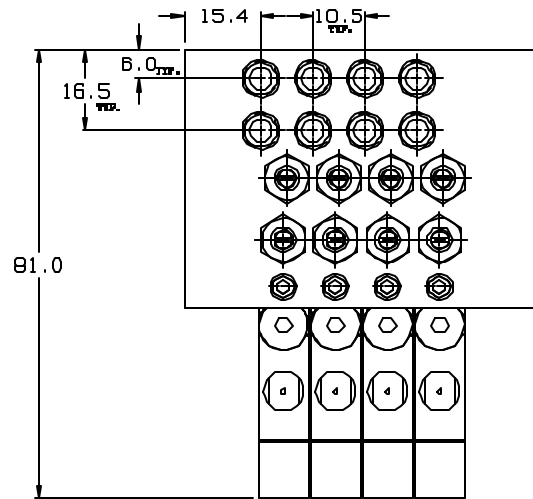
42 SERIES NON PLUG-IN BAR W/REGULATOR

(M7 PORTS SHOWN)



42 SERIES NON PLUG-IN BAR W/ FLOW CONTROLS AND REGULATOR

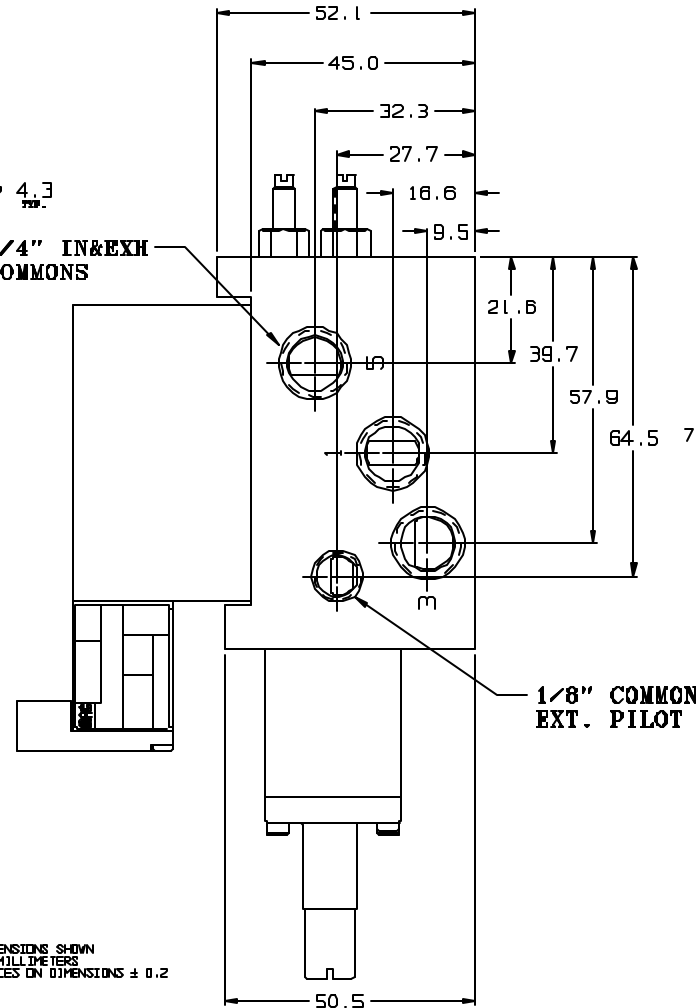
(M7 PORTS SHOWN)



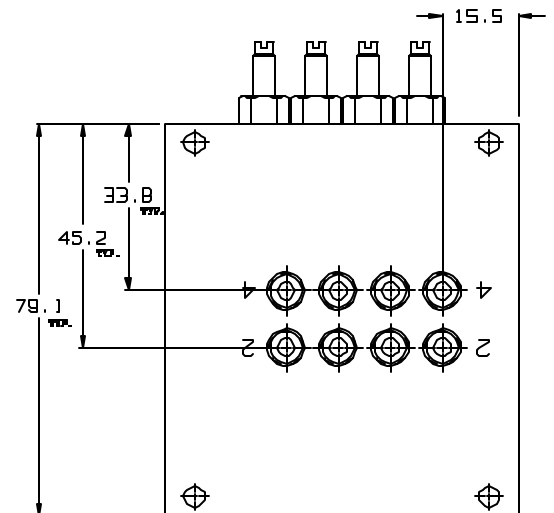
Ø 4.3

1/4" IN&EXH
COMMONS

NOTE:
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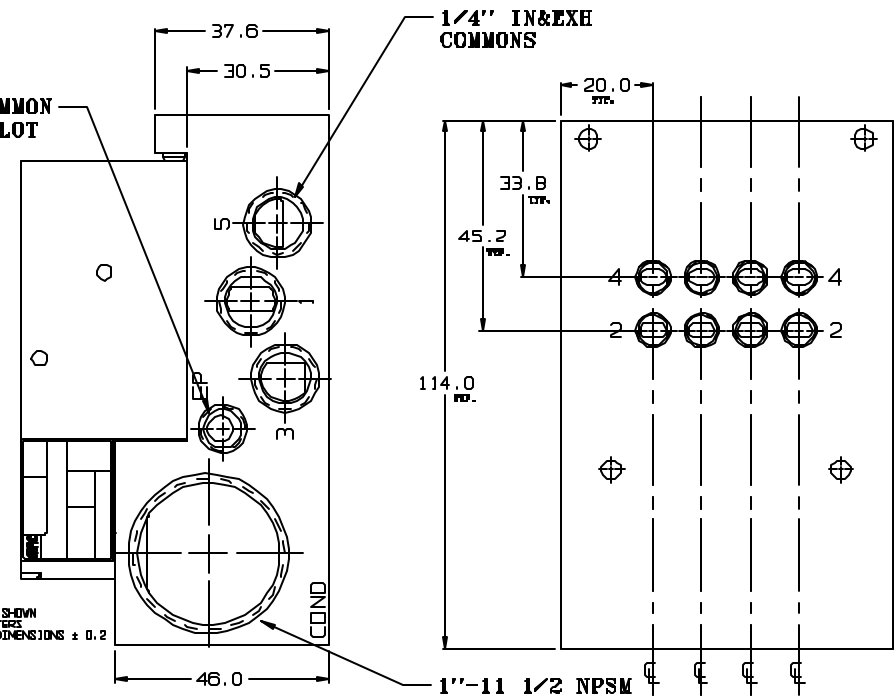
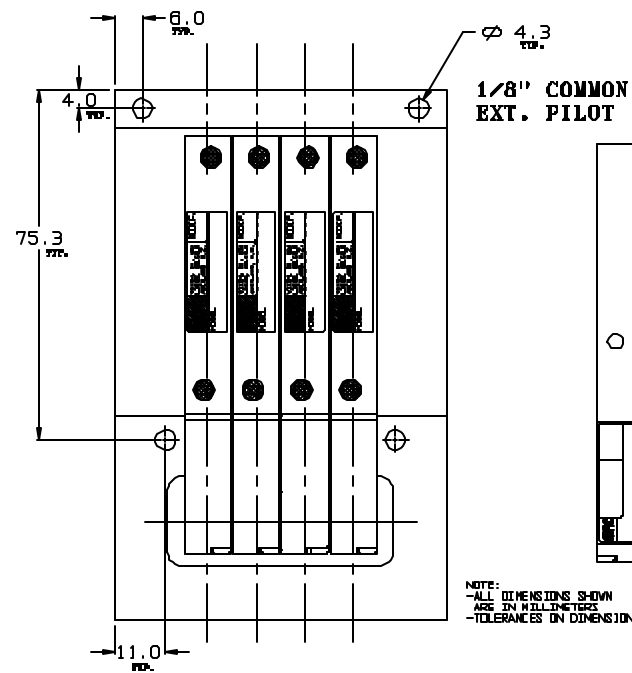
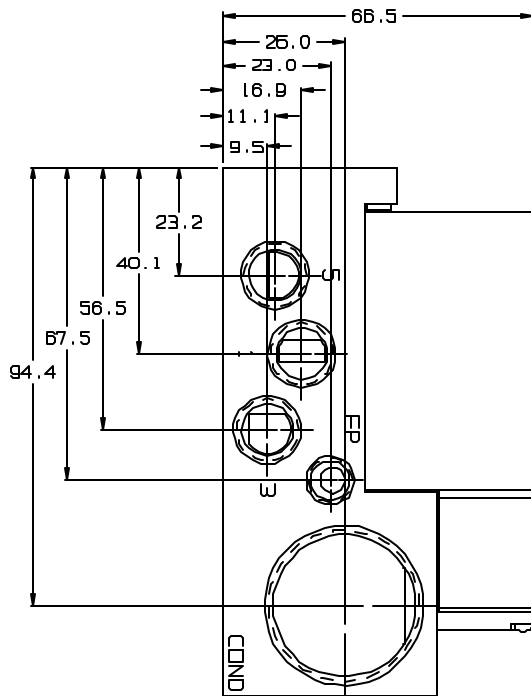


1/8" COMMON
EXT. PILOT

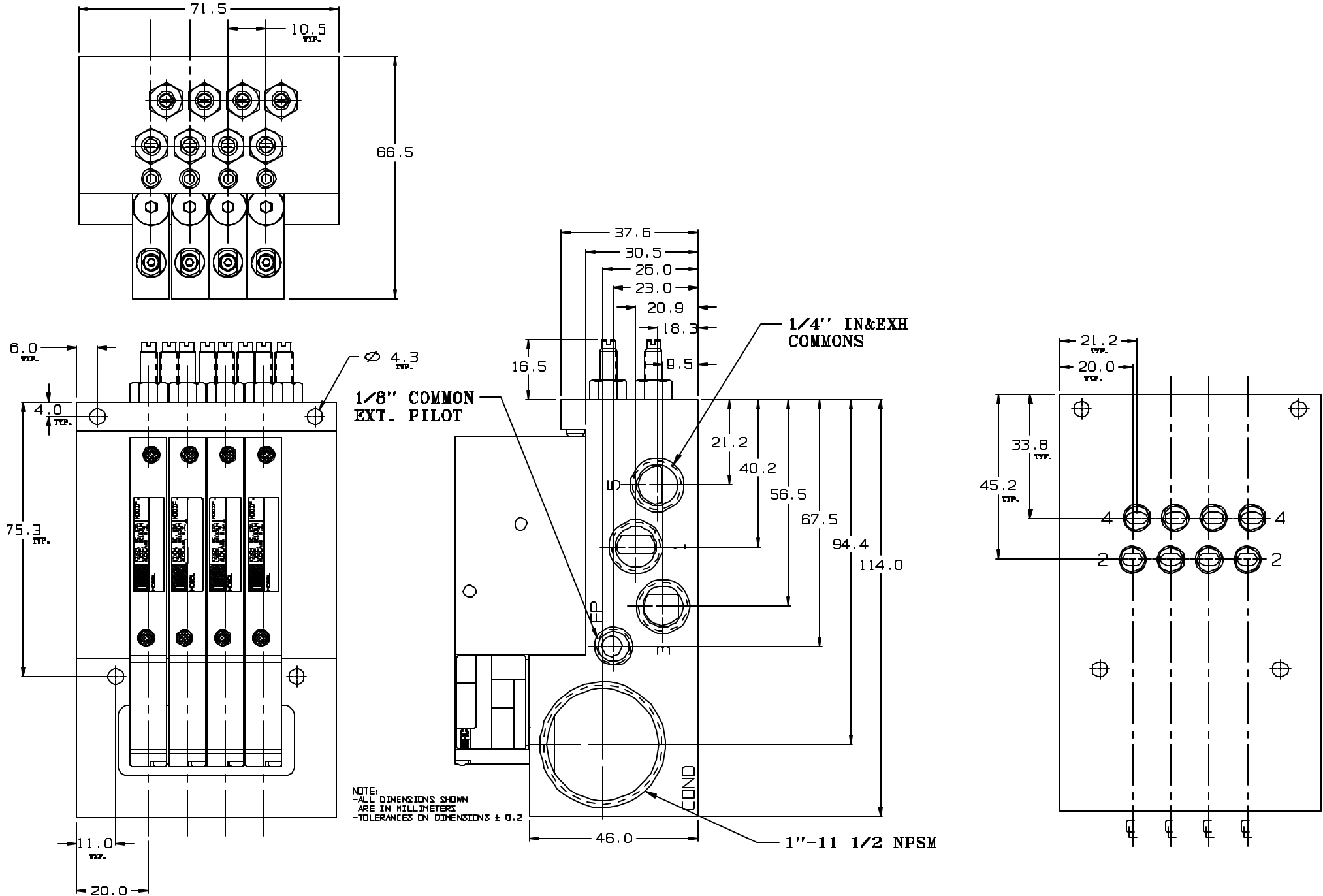


Technical drawing of a mechanical part, likely a bracket or plate, showing dimensions and features. The drawing includes a top view and a side view. Key dimensions are: overall width 71.5, overall height 24.5, a central hole diameter of 10.5, and a distance of 20.0 from the left edge to the center of the first hole. There are four holes in the top row, four in the middle row, and four in the bottom row. The bottom row holes are smaller than the others. The drawing is labeled with 'A' on the right side.

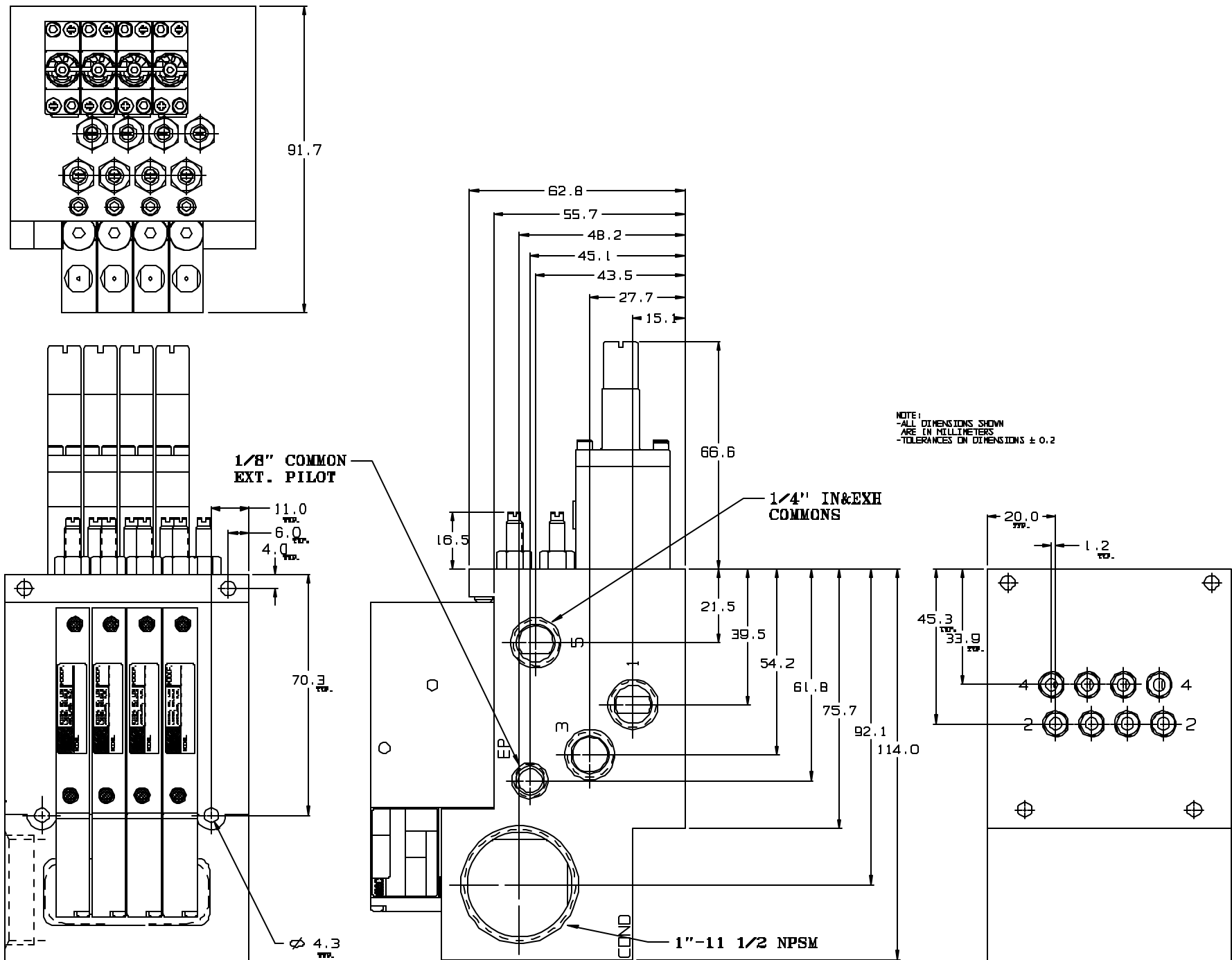
PORT	A DI
M4 TUBE FITTING	2.70
M5 OR 10-32	3.50
NY	3.40



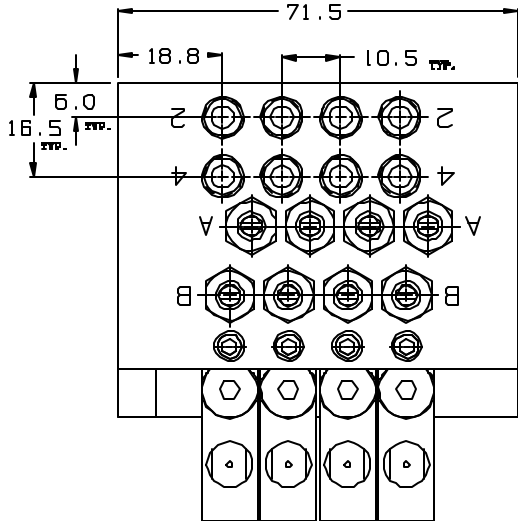
42 SERIES PLUG-IN BAR W/ FLOW CONTROLS AND BOTTOM PORTS



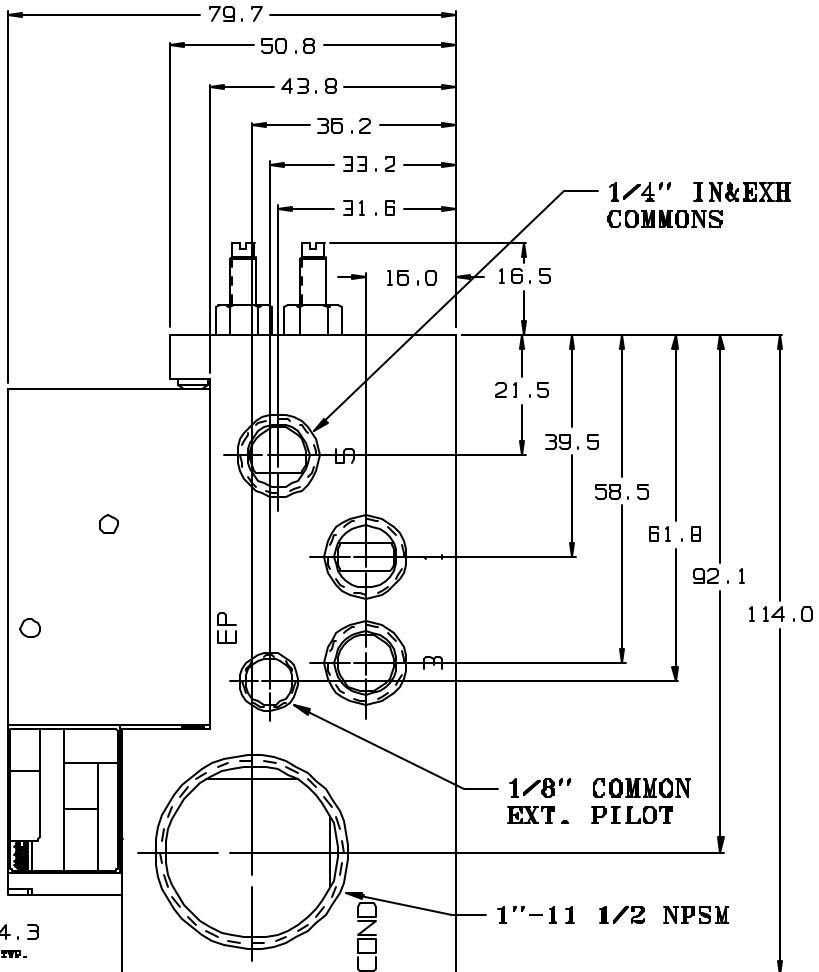
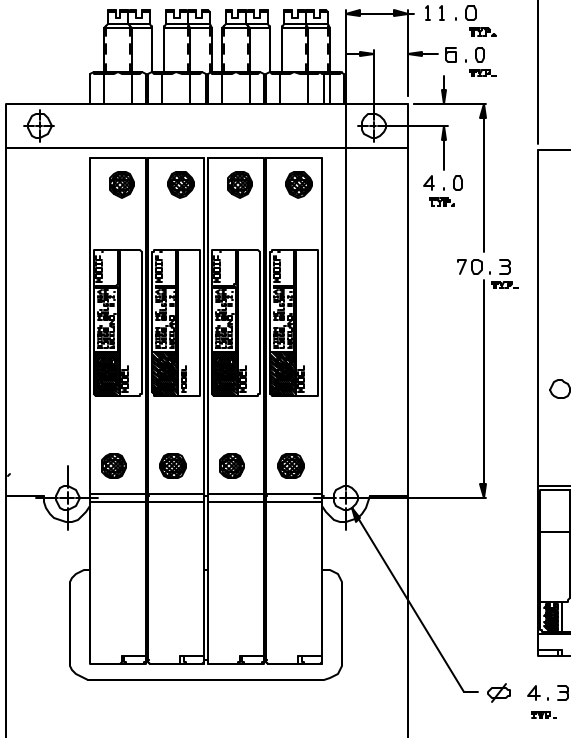
42 SERIES PLUG-IN BAR W/FLOW CONTROLS AND REGULATOR WITH BOTTOM PORTS



(M7 PORTS SHOWN)



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42 SERIES PLUG-IN BAR W/ REGULATOR AND BOTTOM PORTS

