

24 Series

Specifications

Fluids: Compressed air, vacuum, inert gases

Pressure Range: 2 Position internal pilot: Single solenoid air return: 25 to 120 psi

Single solenoid spring return: 35 psi to 120 psi

Double solenoid: 20 to 120 psi

2/3 Position external pilot: Vacuum to 120 psi

3 Position internal pilot: 40 to 120 psi

Lubrication: Not required, if used select a medium aniline point lubricant (between 180° and 210°)

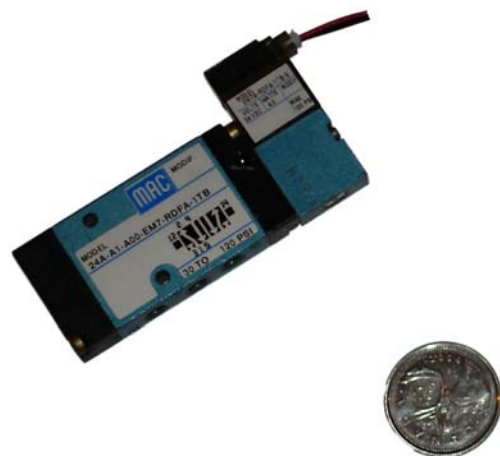
Filtration: 40 micron

Flow: Up to 0.4 Cv

Coil: Class A (#26 AWG x 18), continuous duty

Voltage Range: -15% to +10% of nominal voltage

Power: 4.0w, 3.0w, 2.5w, 1.8w, 1.0w, 0.5w

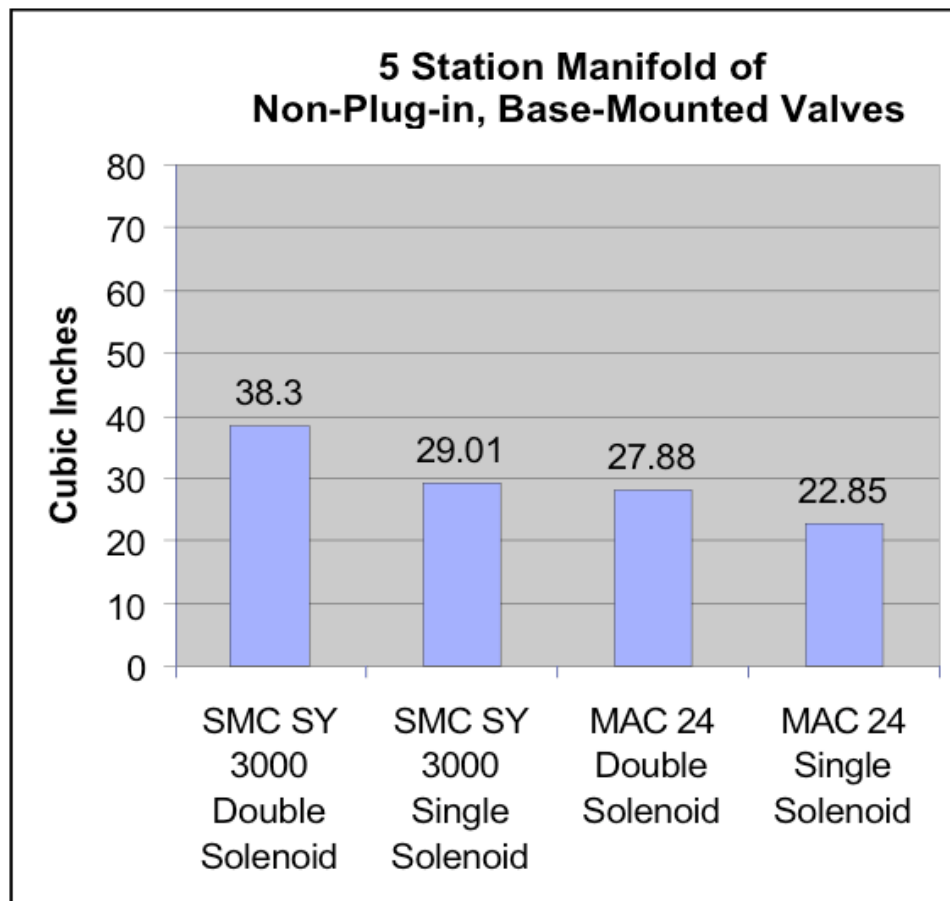


MAC vs. SMC / Cv Data

VALVE TYPE	MAC 24	SMC SY3000
INDIVIDUAL INLINE	0.23	** 0.22
MANIFOLD STYLE	.4	** 0.26

**During lab evaluations by MAC actual Cv ratings have tested lower than SMC's catalogued ratings.
Contact MAC Sales Dept. for details.

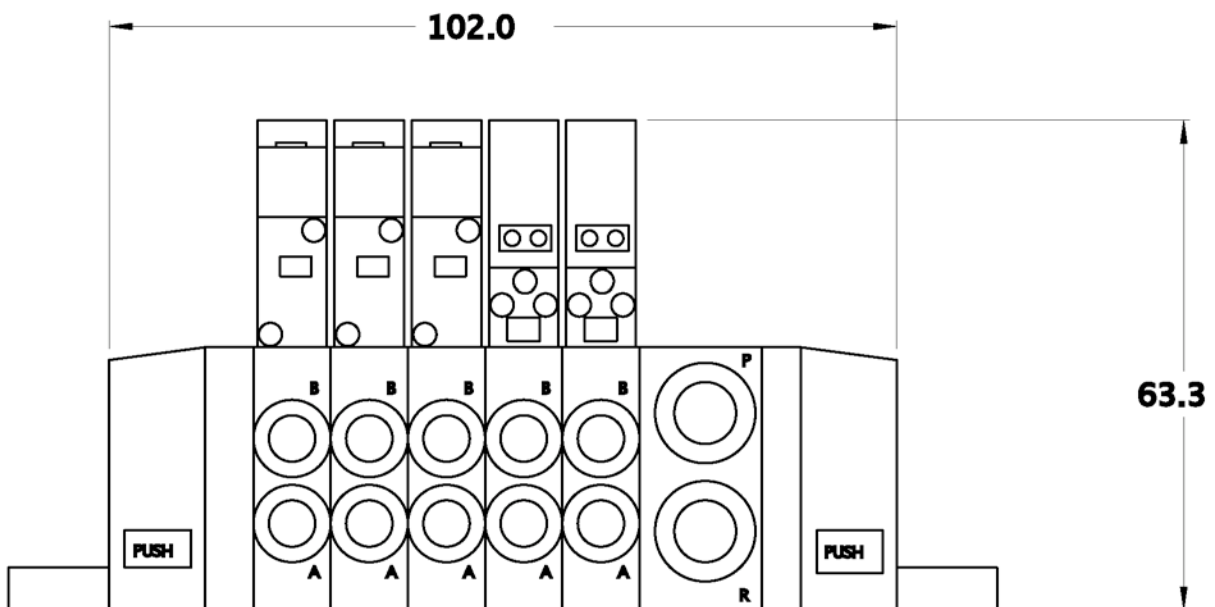
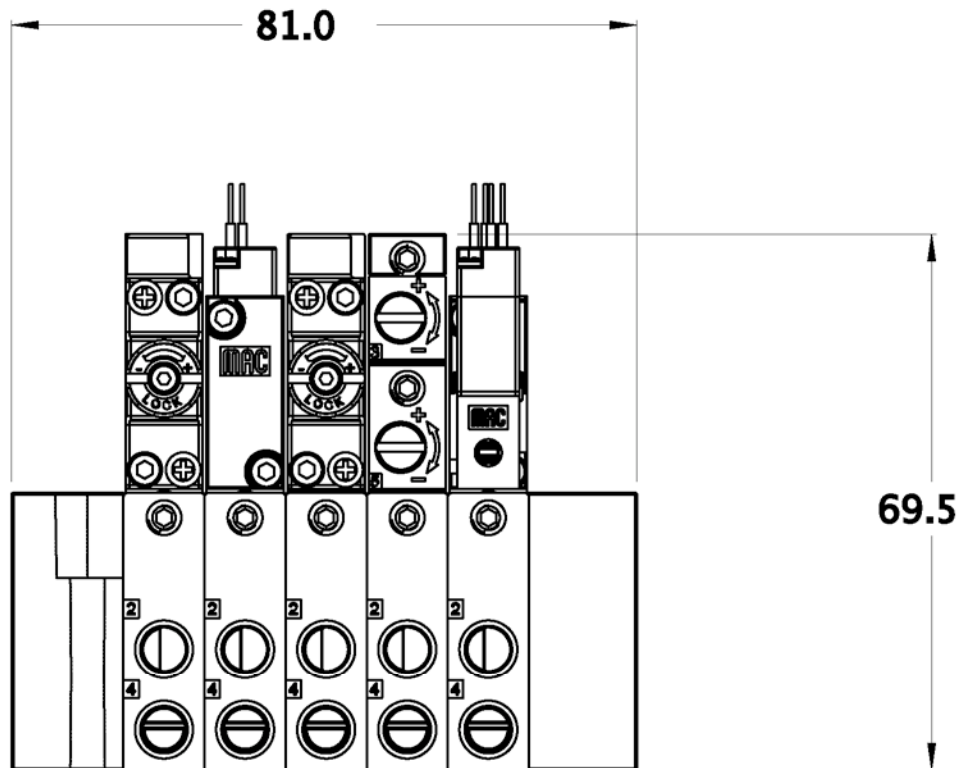
MAC vs. SMC / Envelope Size



Size Comparison

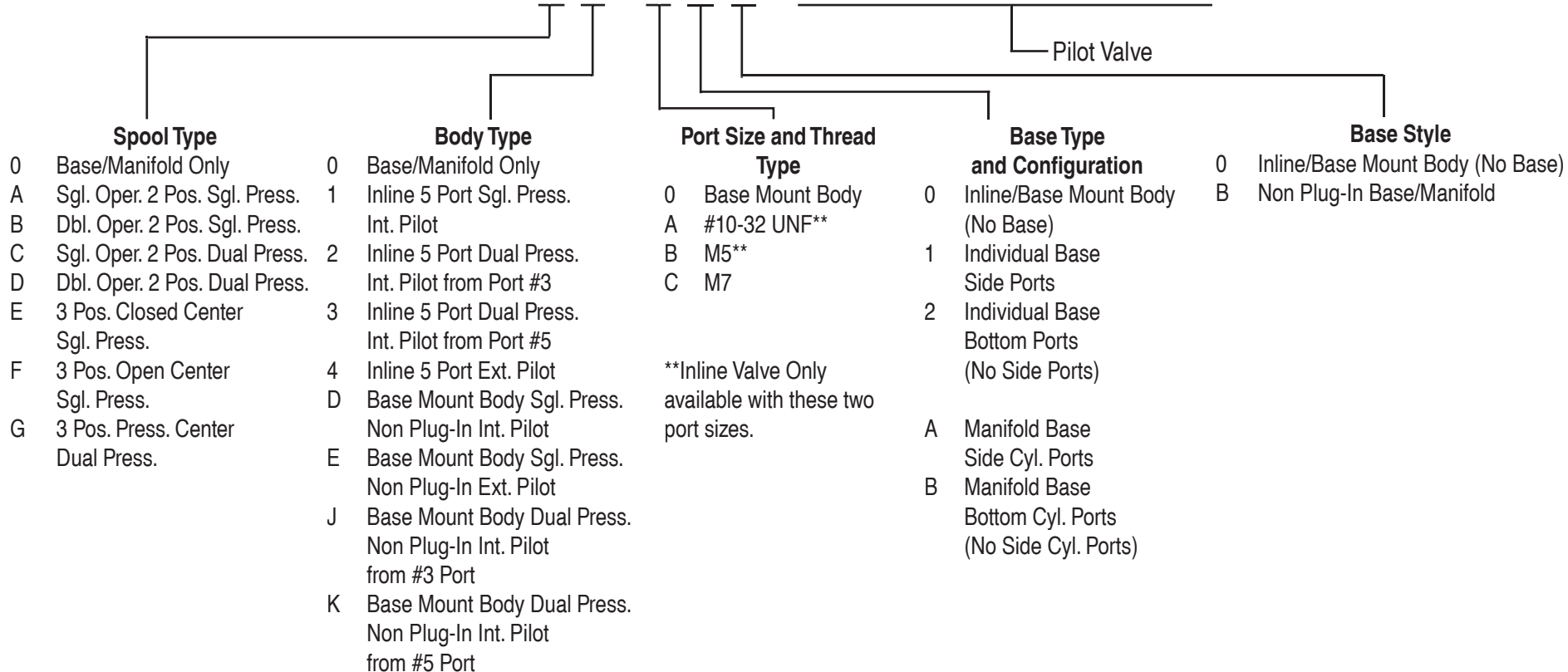
MAC 24 vs. SMC SY3000

5 Station Non Plug-In Base Mount Manifold



How To Order 24 Series Valve

24A - X X - X X X - XX X - X XX X - X XX



How To Order Pilot Valve For 24 Series

EXX - RXX X - X XX

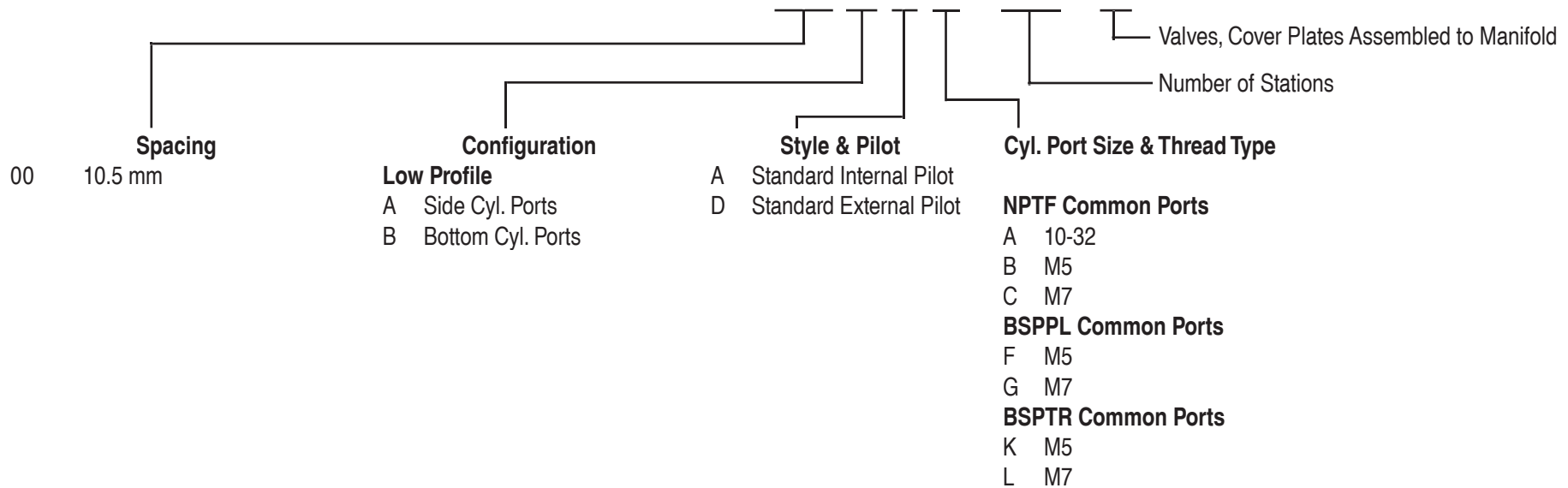
		12 mm		Voltage	Lead Wire Length		Manual Operator	Electrical Connectors	
M2	Muffled Exhaust	DA	24VDC (0.5w)	0*	No Lead Wire	0	No Manual Operator	BA	Flying Leads
P2	Piped Exhaust (M3)	DB	24VDC (1.0w)	A	18"	1	Recessed Non Locking Operator	BB	Flying Leads w/ LED
		DC	24VDC (1.8w)	B	24"			BC	Flying Leads w/ MOV
		DD	24VDC (2.5w)	C	36"	3	Extended Non Locking Operator	BD	Flying Leads w/ LED and MOV
		DE	24VDC (3.0w)	D	48"				
M7	Muffled Exhaust	DF	24VDC (4.0w)	E	72"			RA	Mini JAC Solenoid Plug-In
P7	Piped Exhaust (M3)	DG	12VDC (0.5w)	F	96"			RB	Mini JAC Solenoid Plug-In w/ LED
		DH	12VDC (1.0w)	G	120"			RC	Mini JAC Solenoid Plug-In w/ MOV
		DJ	12VDC (1.8w)	H	144"			RD	Mini JAC Solenoid Plug-In w/ LED and MOV
		DK	12VDC (2.5w)	*Not Available for Flying Leads Connector				TA	JST Solenoid Plug-In
		DL	12VDC (3.0w)					TB	JST Solenoid Plug-In w/ LED
		DM	12VDC (4.0w)					TC	JST Solenoid Plug-In w/ MOV
								TD	JST Solenoid Plug-In w/ LED and MOV

Accessories

M-24002-01-01	Manifold End Plate Kit - Internal Pilot (For Non Plug-In Manifold)
M-24002-02-01	Manifold End Plate Kit - External Pilot (For Non Plug-In Manifold)
M-24004	Blank Station Cover Plate
28568	Inlet Isolator
28569	Exhaust Isolator (Port #5)
28570	Exhaust Isolator (Port #3)
32625	M6 Tube Receptacle (For M7 Port)
32627	1/4" Tube Receptacle (For M7 Port)

How To Order 24 Series EBM Circuit Bar

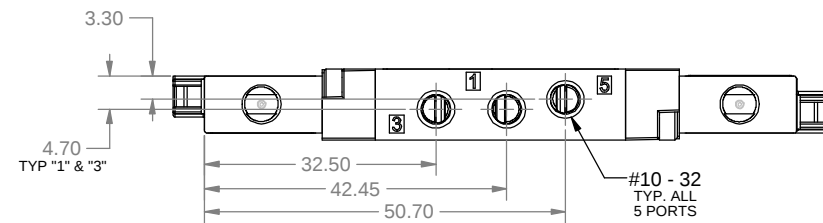
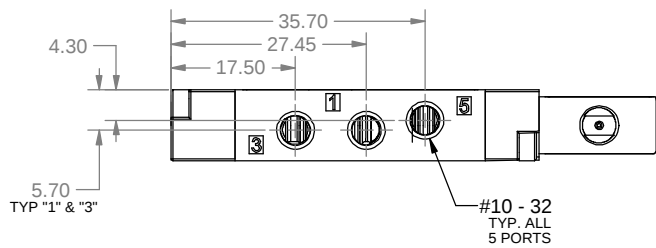
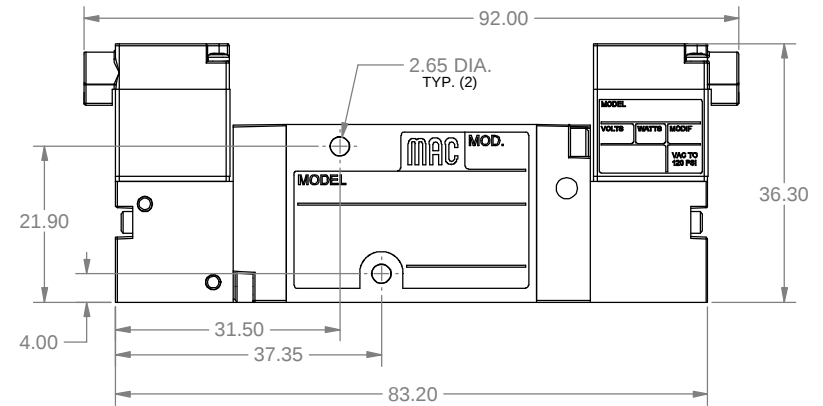
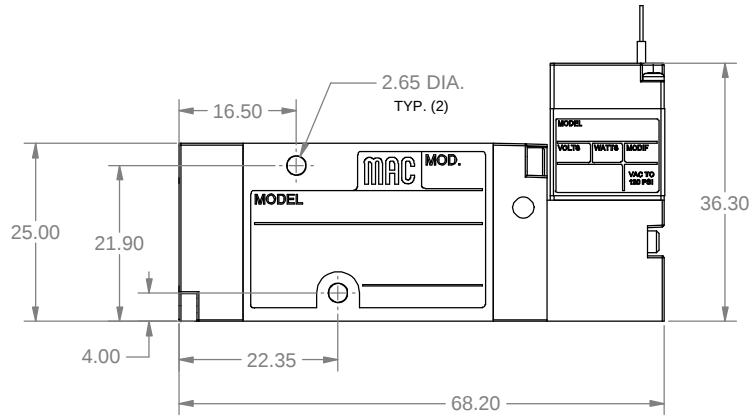
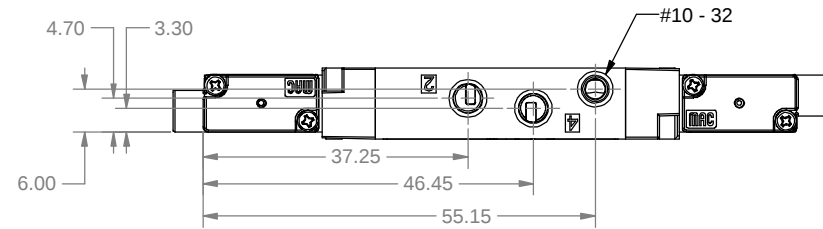
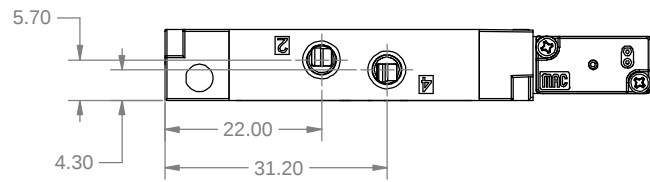
EBM24A - XX X X X - XX - 9



Note: Common Ports are 1/4"

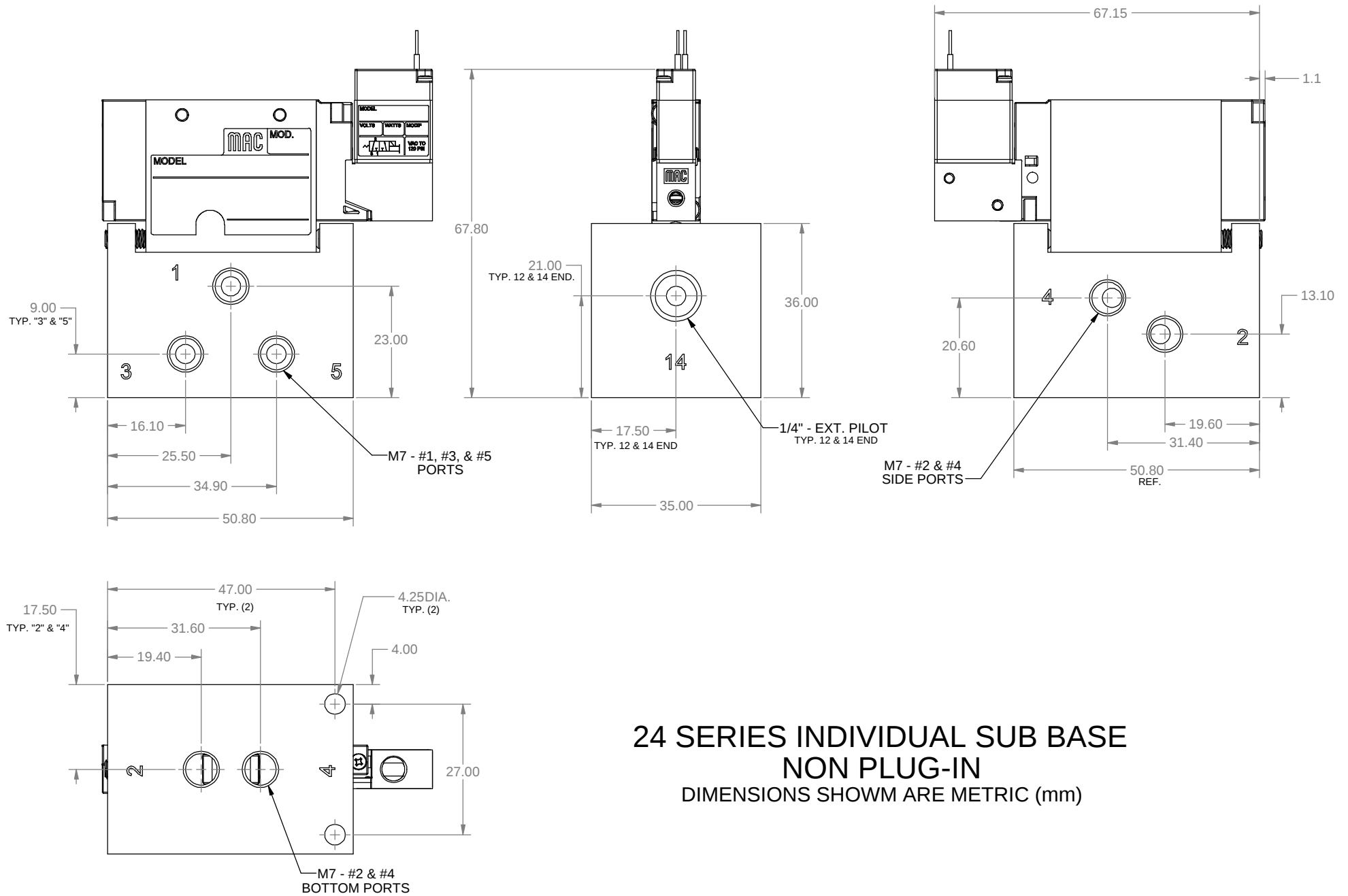
Accessories

M-24004	Blank Station Cover Plate
N-24005	Body Fastening Kit
32625	M6 Tube Receptacle (For M7 Port)
32627	1/4" Tube Receptacle (For M7 Port)

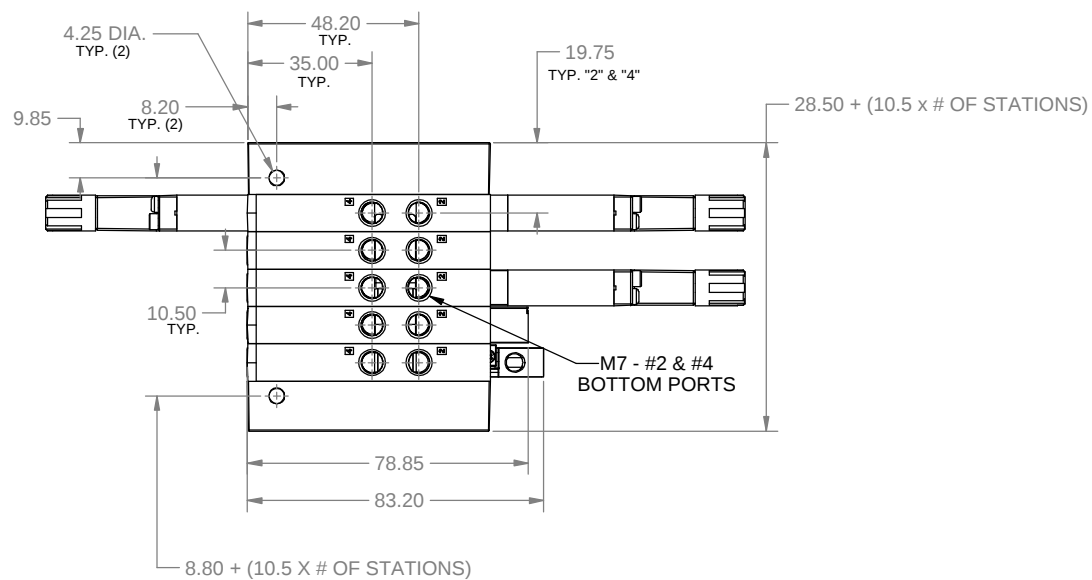
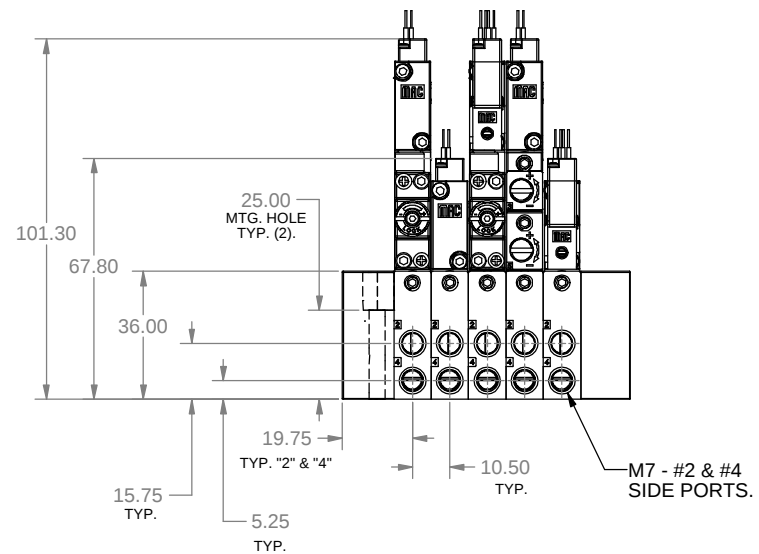
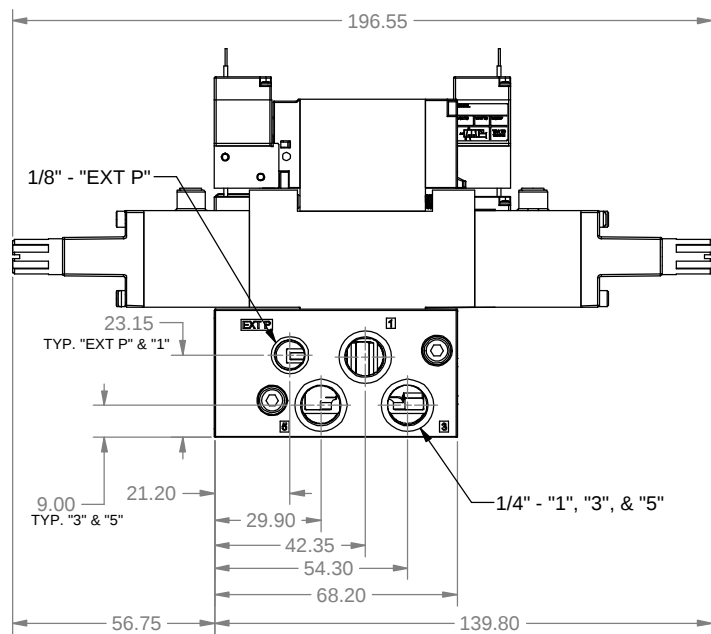


24 SERIES INLINE

DIMENSIONS SHOWN ARE METRIC (mm)



**24 SERIES INDIVIDUAL SUB BASE
NON PLUG-IN**
DIMENSIONS SHOWN ARE METRIC (mm)



**24 SERIES ADD A UNIT
NON PLUG-IN (5 STATION)**
DIMENSIONS SHOWN ARE METRIC (mm)