

Specifications

54 Series Valve

Fluids:

Compressed Air or Inert Gases

Lubrication:

Not required. If used, select a medium aniline point lubricant (between 180°F and 210°F)

Safe Operating Temperature Range:

0°F to 120°F (-18°C to 50°C)

Pressure Range:

Main Valve : Vacuum to 120 psi (External Pilot)
20 to 120 psi (Internal Pilot)

External Pilot: 20 to 120 psi

Single Remote Air: Same as Above
35 to 60 psi (Remote Pilot Single - This signal is independent of the main valve or pilot valve pressure)

Double Remote Air: 20 to 120 psi

Note: External pilot or double remote signal pressure must be equal to or greater than main valve pressure

Flow:

Up to 4.1 Cv

Electrical:

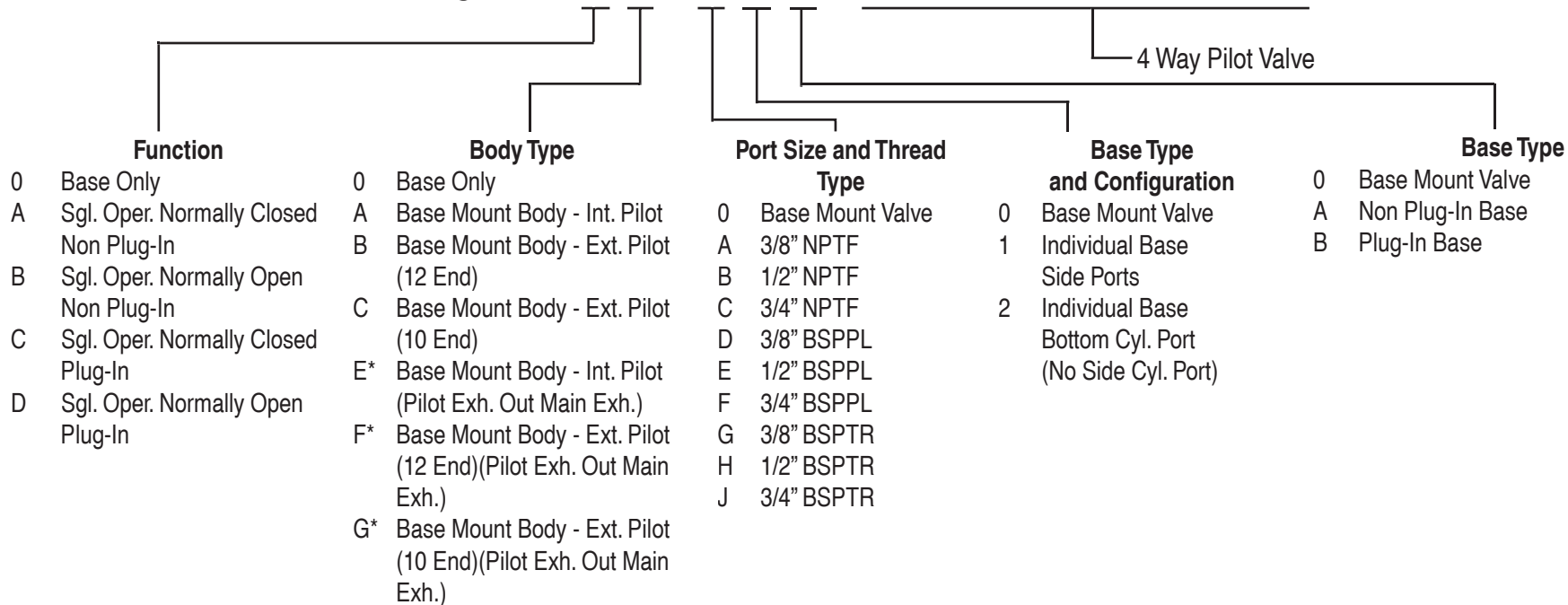
DC 12/24 Volt 1.0w to 5.4w (Higher Wattages Available)

AC 24, 120, 220, 240 VAC



How To Order 54 Series Valve

54A - X X - X X X - XX - X XX X - X XX



*Must use "DU" Pilot Body - Main Exhaust Cannot Be Restricted



How To Order 4 Way Pilot Valve

- RA1 1 (Single Remote Air Pilot Operator)
XX - DXX X - X XX

Pilot Style		Voltage	Lead Wire Length	Manual Operator	Electrical Connectors
			Plug-In Valve/Base		Non Plug-In Valve/Base
DM	Muffled Exhaust	JA 120/60, 110/50 (2.9w)	J Plug-In	0 No Manual Operator	BA Grommet
DP	Piped Exhaust	JB 240/60, 220/50 (2.9w)		1 Recessed Non Locking Operator	BK Grommet w/ Diode
DU	Universal Pilot, Pilot Exhaust Out Main Exhaust	JC 24/60, 24/50 (3.7w)	Non Plug-In Valve/Base	2 Recessed Locking Operator	BL Grommet w/ M.O.V.
		JD 100/50/60, 110/60 (3.9w)	A 18"	3 Extended Non Locking Operator	CA Conduit 1/2" NPS
		JE 220/60 (3.4w)	B 24"	4 Extended Locking Operator	CM Metal Conduit 1/2" NPS
		JF 240/50 (2.8w)	C 36"		CN Metal Conduit w/ Grd. 1/2" NPS
		JG 200/60, 200/50 (3.9w)	D 48"		
		DA 24 VDC (5.4w)	E 72"		Plug-In Valve/Base
		DB 12 VDC (5.4w)	F 96"		FM Plug-In
		DC 12 VDC (7.5w)	j** 6"		FN Plug-In w/ Diode
		DD 24 VDC (7.3w)			FP Plug-In w/ M.O.V.
		DE* 12 VDC (12.7w)			
		DF* 24 VDC (12.7w)			External Plug-In Valve
		FA 12 VDC (1.8w)			JB Rect. Plug-In
		FB 24 VDC (1.8w)			JD Rect. Plug-In w/ Light
		FE 12 VDC (2.4w)			JM Rect. Male Only
		FF 24 VDC (2.4w)			JA Square Plug-In
					JC Square Plug-In w/ Light
					JJ Square Male Only
					KA Mini Plug-In
					KB* Mini Plug-In w/ Diode
					KC* Mini Plug-In w/ M.O.V.
					KD* Mini Plug-In w/ Light
					KE* Mini Plug-In w/ Light & Diode
					KF* Mini Plug-In w/ Light & M.O.V.
					KG* Mini Plug-In w/ LED and Diode
					KJ Mini Plug-In Male Only
					KK Mini Plug-In Male Only w/ Diode
					KL Mini Plug-In Male ONLY w/ M.O.V.

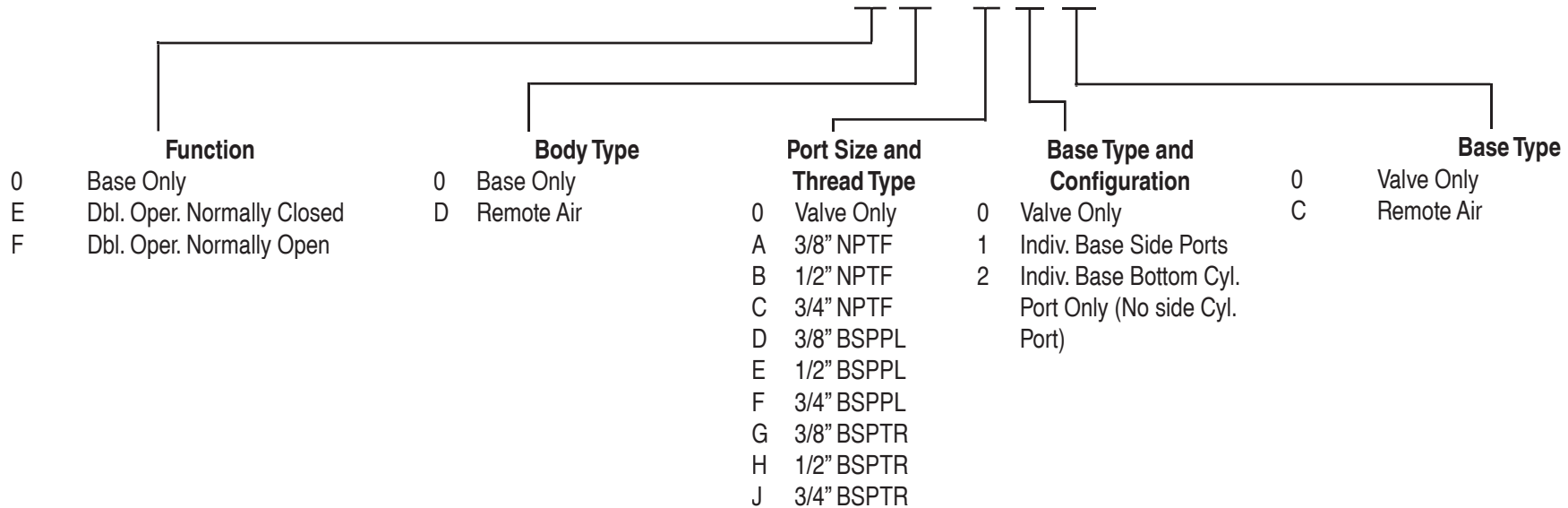
** Lead wire length for external plug-in connectors must be "J"

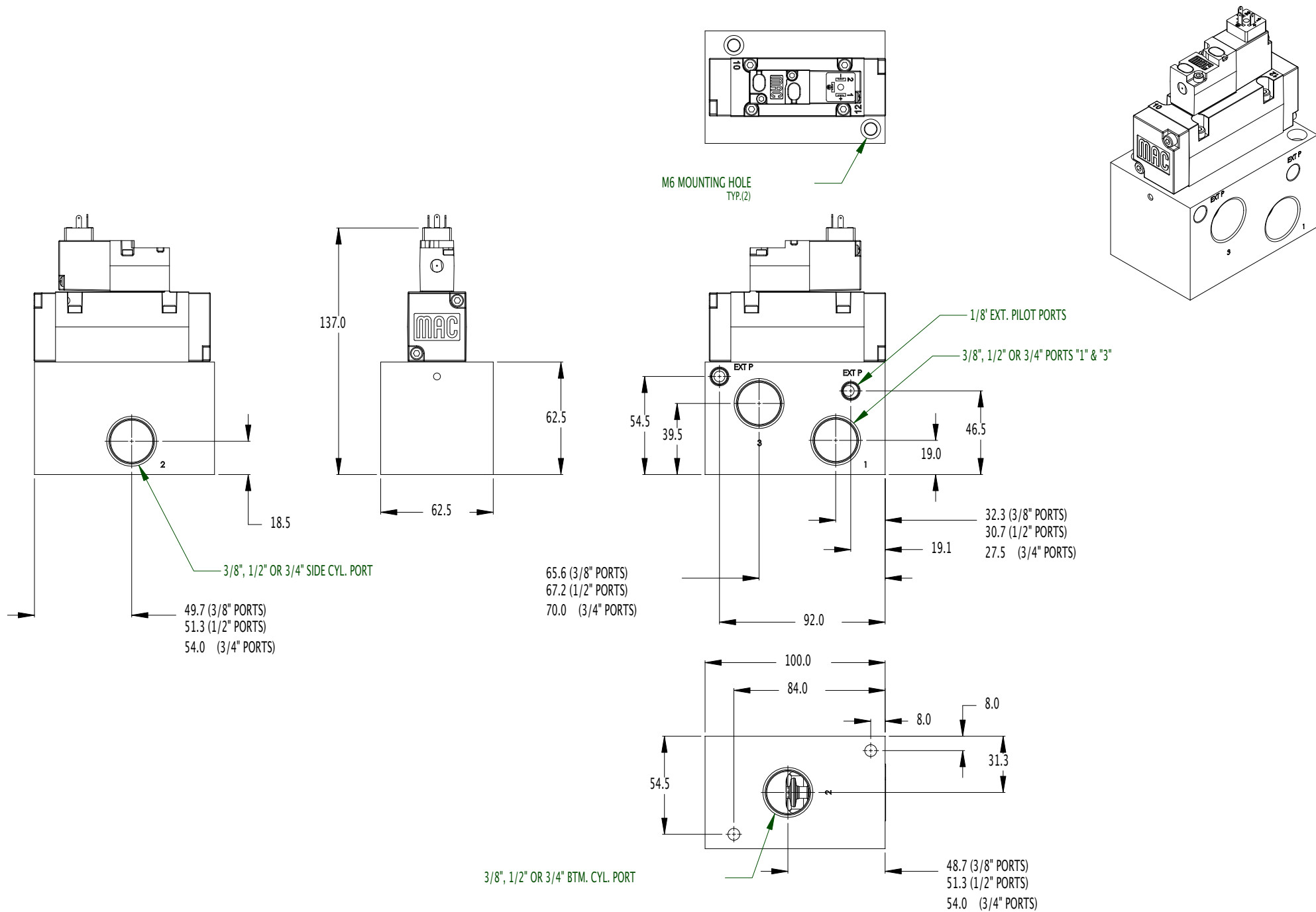
* M.O.V., Diode & Light are in female connector in these options



How To Order 54 Series Double Remote Air

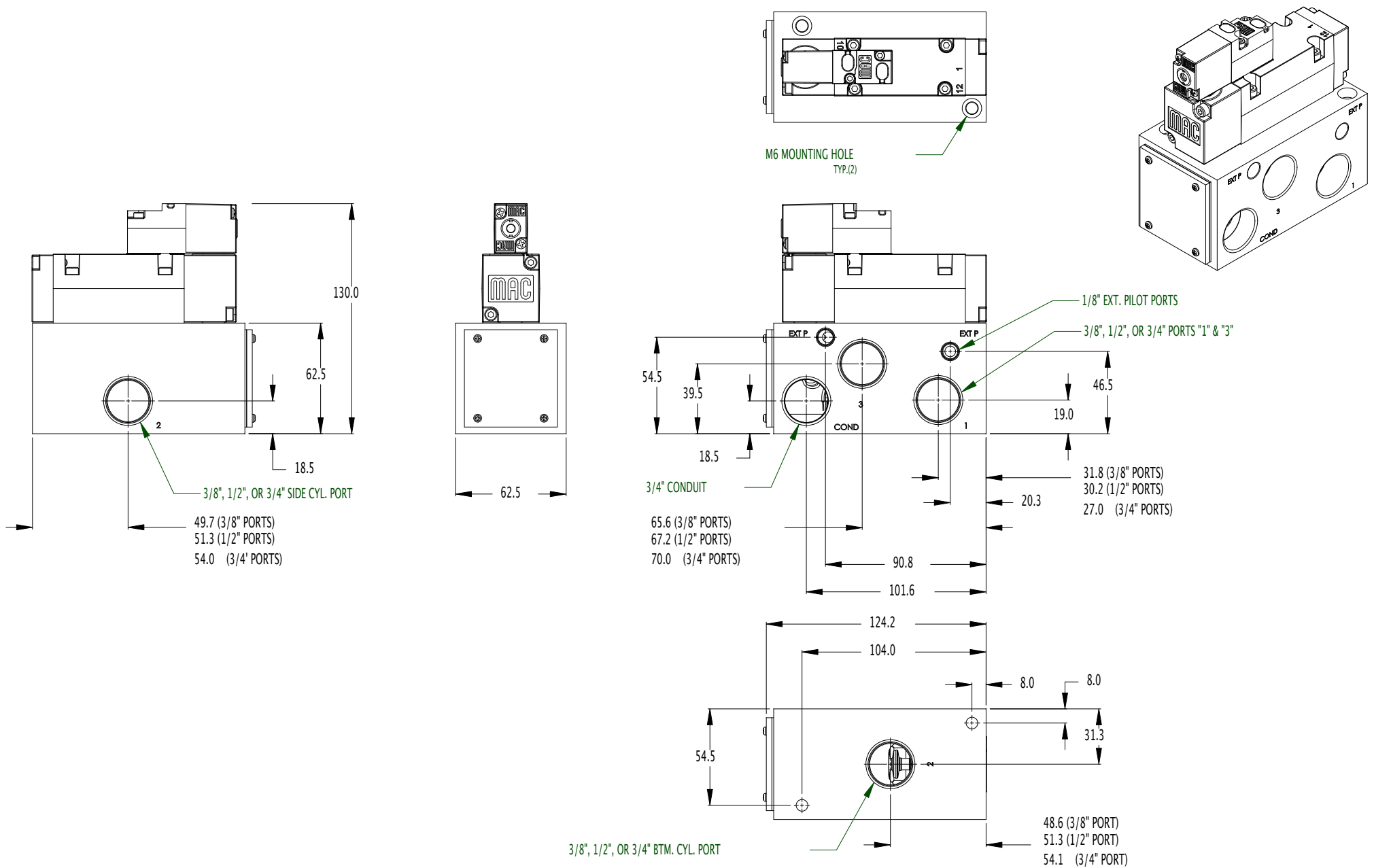
54A - X X - X X X - RA





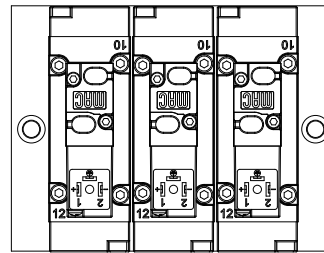
54 SERIES NON PLUG-IN INDIVIDUAL BASE



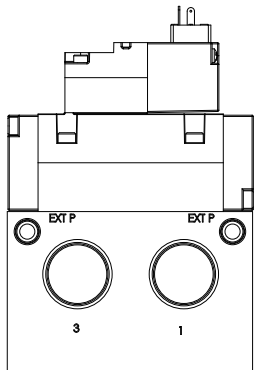
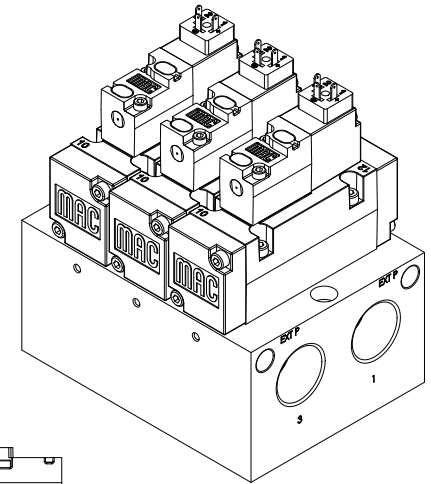


54 SERIES PLUG-IN INDIVIDUAL BASE

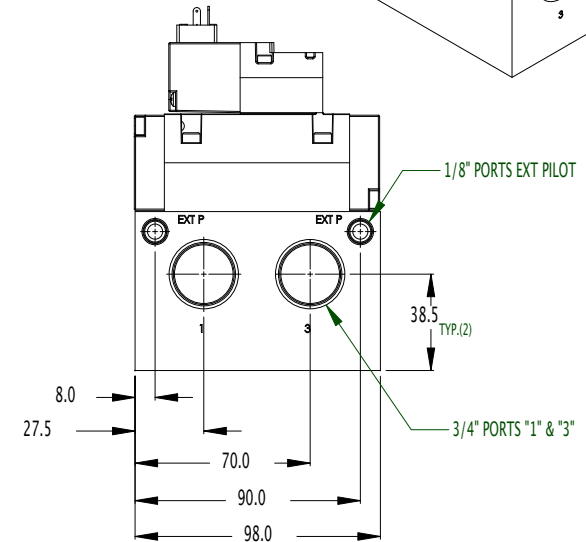
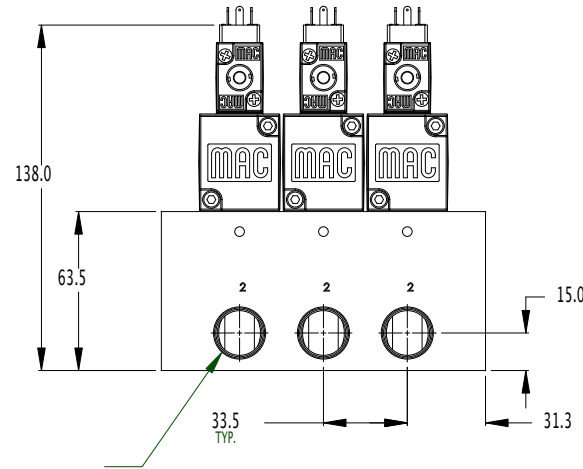




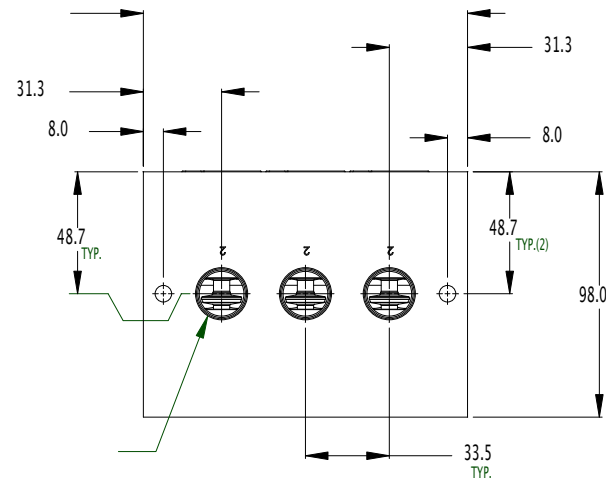
M6 MOUNTING HOLE
TYP.(2)



3/8" OR 1/2" SIDE CYLINDER PORTS



$29.0 + (33.5 \times \text{\# OF STATIONS})$



3/8" OR 1/2" BTM. CYLINDER PORTS

