

Specifications

83 Series Valve

Fluids:

Compressed air or inert gases

Lubrication:

Not required. If used, select a medium aniline point lubricant (between 180° 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) 35 to 120 PSI (Internal pilot and memory spring) 30 to 120 PSI (3 Position)
External pilot:	20 to 120 PSI 35 to 120 PSI (Memory spring) 30 to 120 PSI (3 Position)
Single remote air:	Same as above 35 to 60 PSI (Remote pilot signal - This signal is independent of the main valve or pilot valve pressure)
Double Remote:	20 to 120 PSI

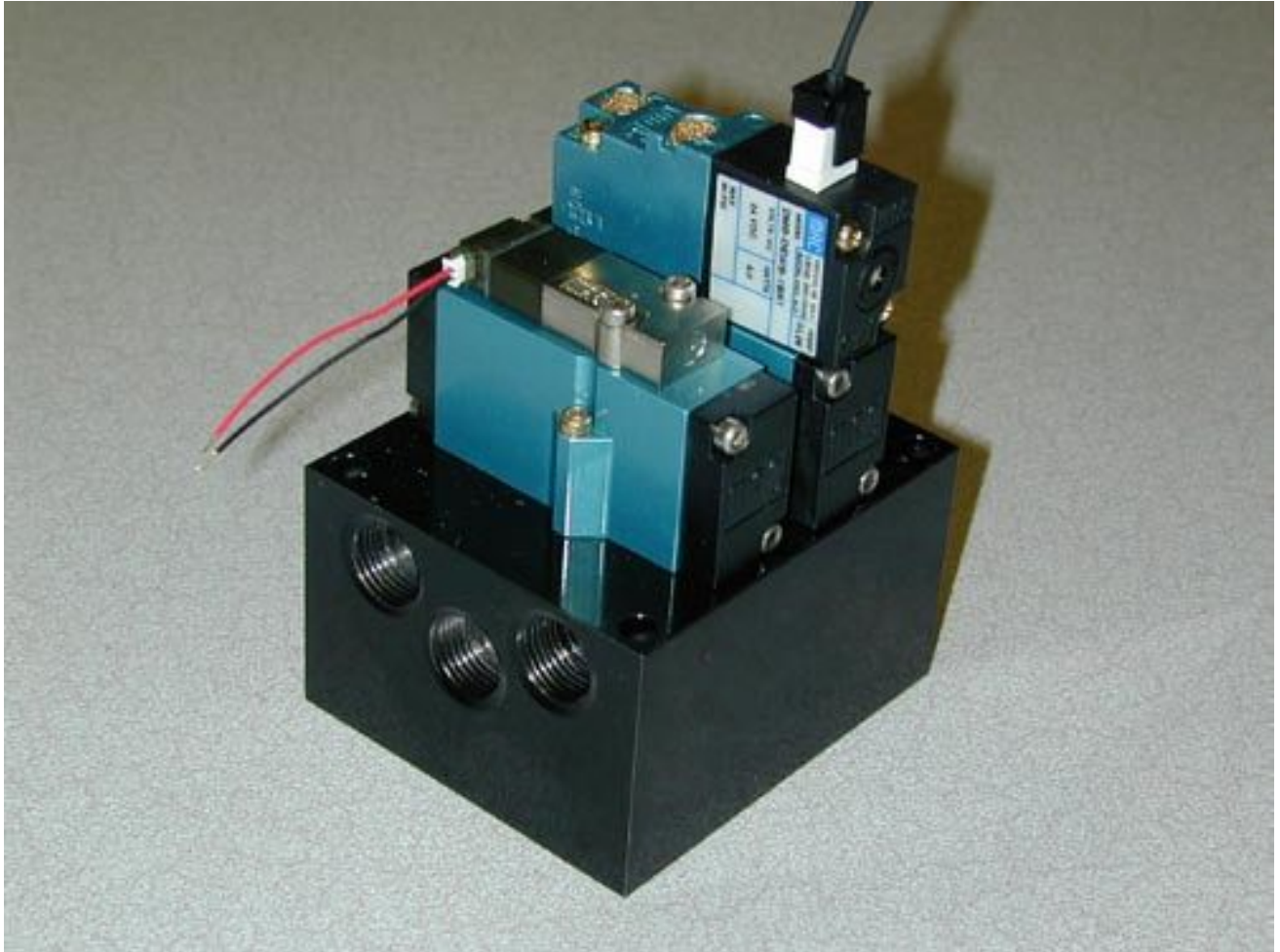
Note: Ext. pilot or double remote signal pressure must be equal to or greater than main valve pressure

Flow:

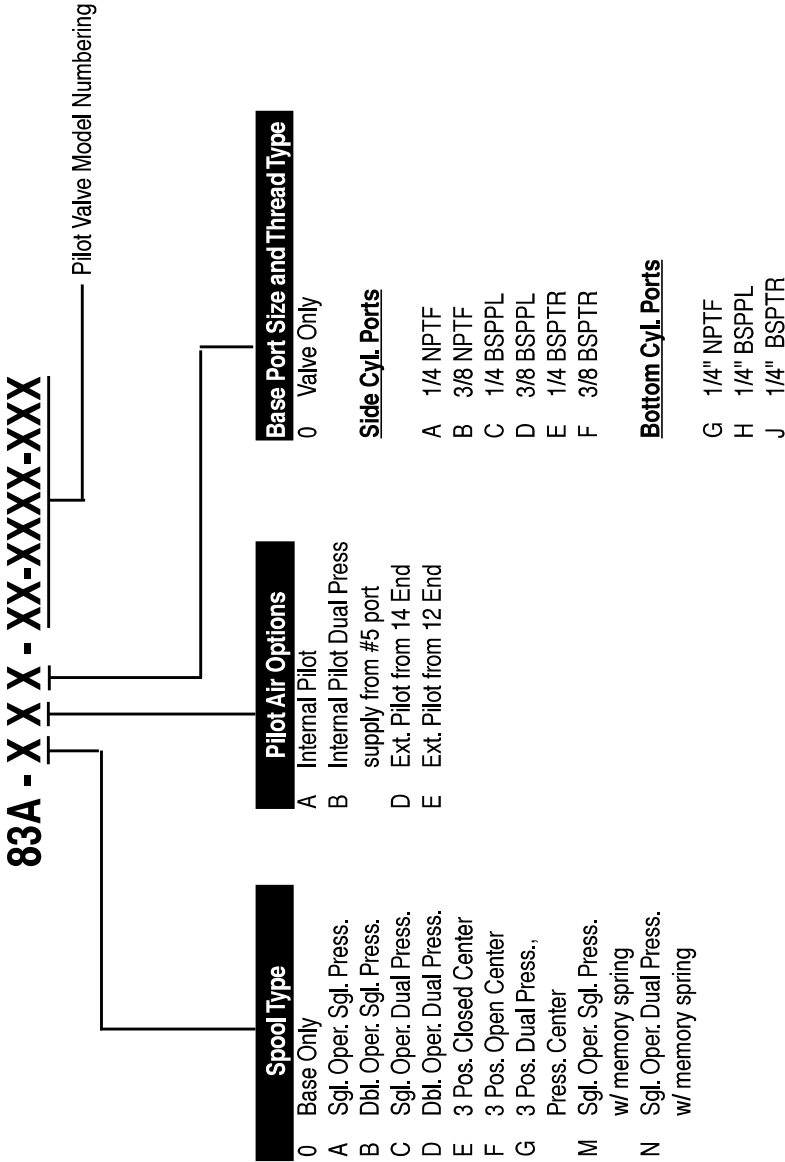
Cv = 1.5 (2 Position)

Cv = 1.1 (3 Position)

MAC 83 Series

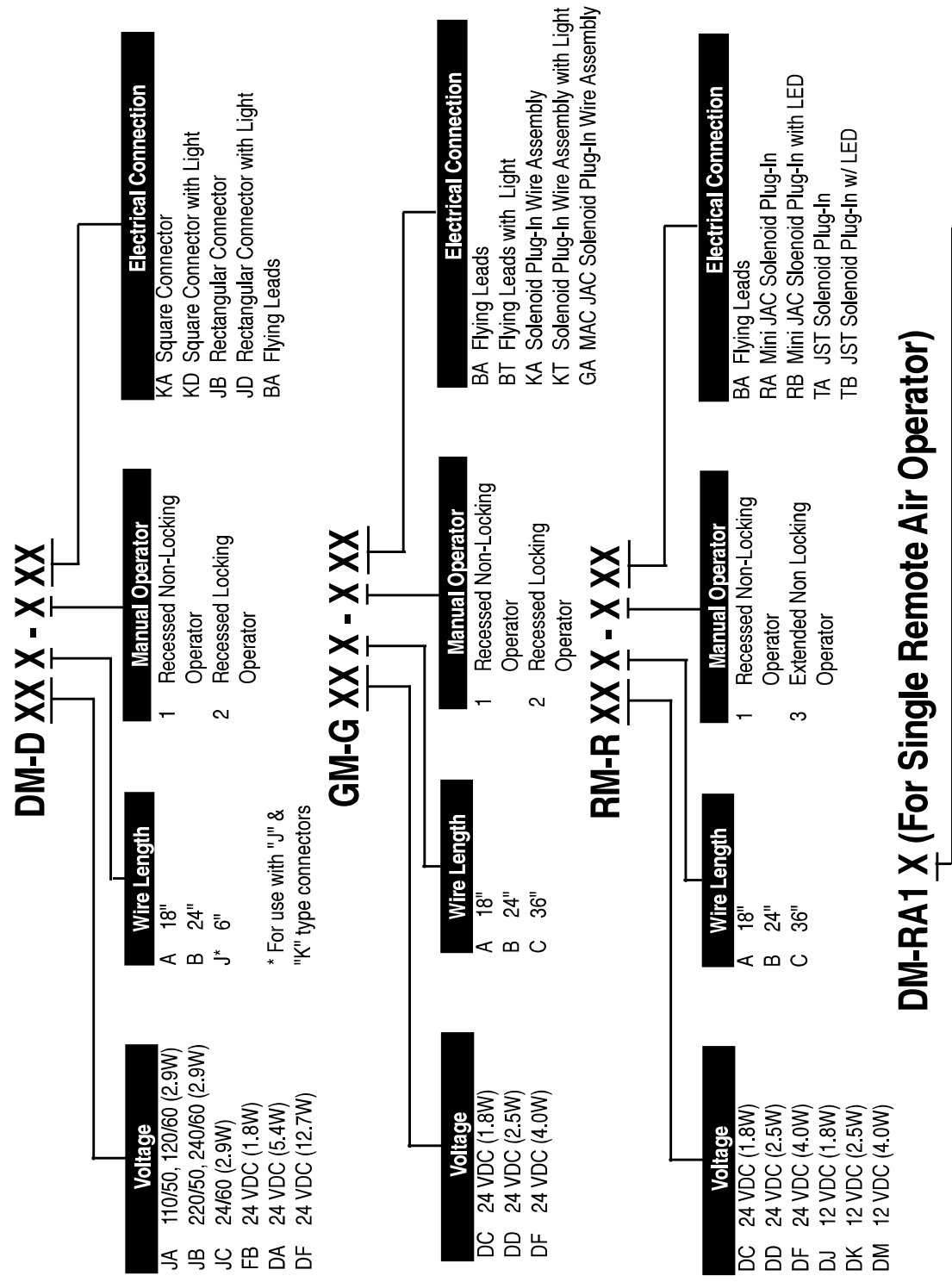


How to Order 83 Series



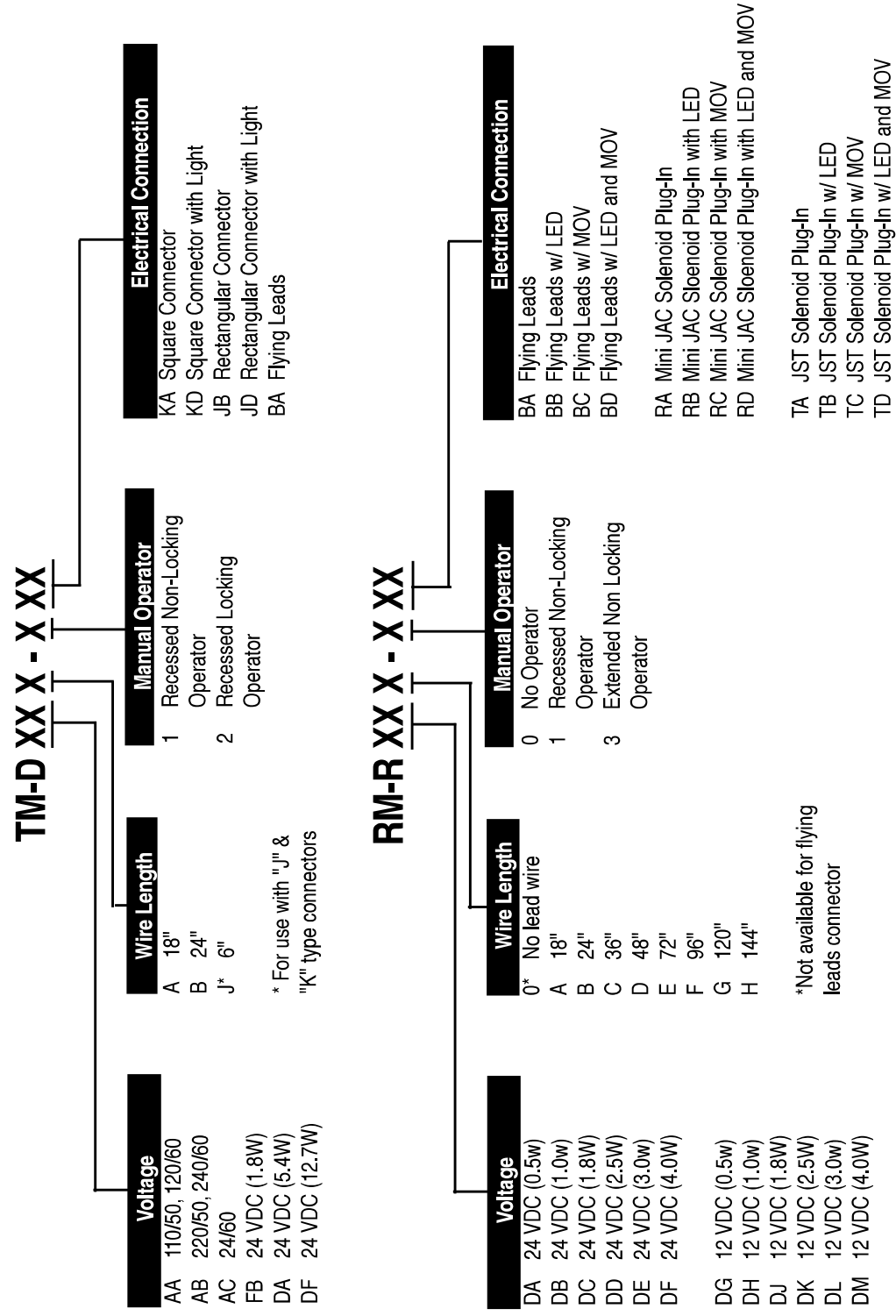
How to Order Pilot Valve Options For 83 Series (Sgl. Operators)

(Partial Listing)



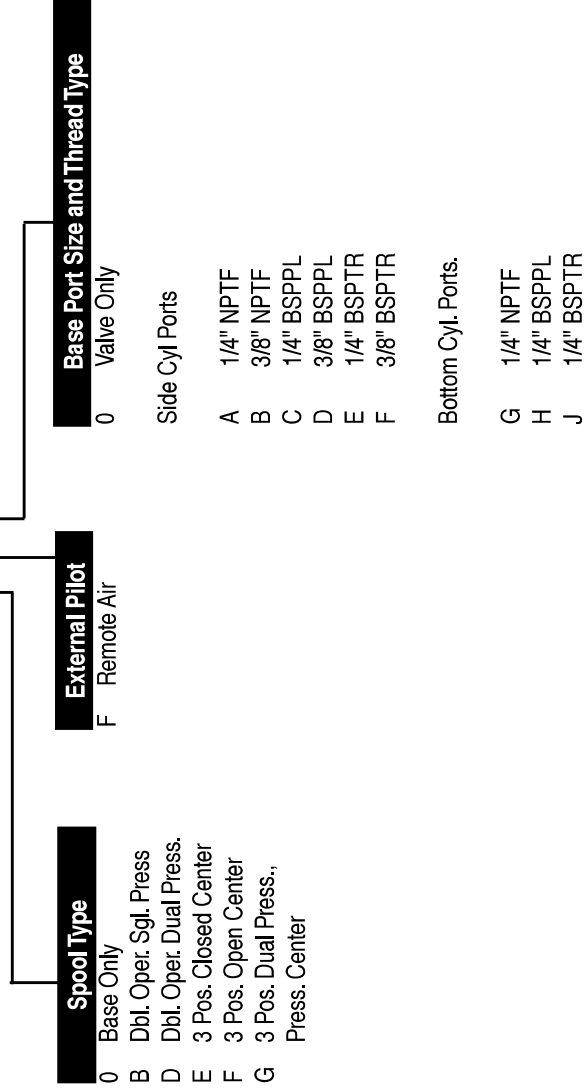
How to Order Pilot Valve Options For 83 Series (Dbl. Operators)

(Partial Listing)



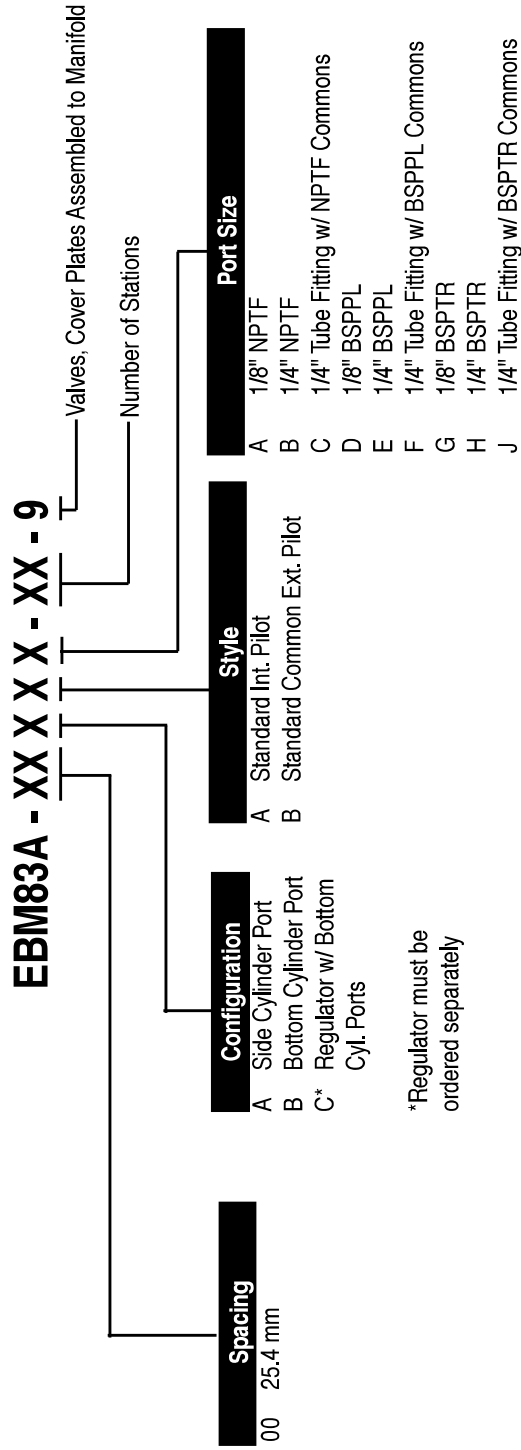
How to Order 83 Series Double Remote Air

83A - X X X - RA



How to Order 83 Series

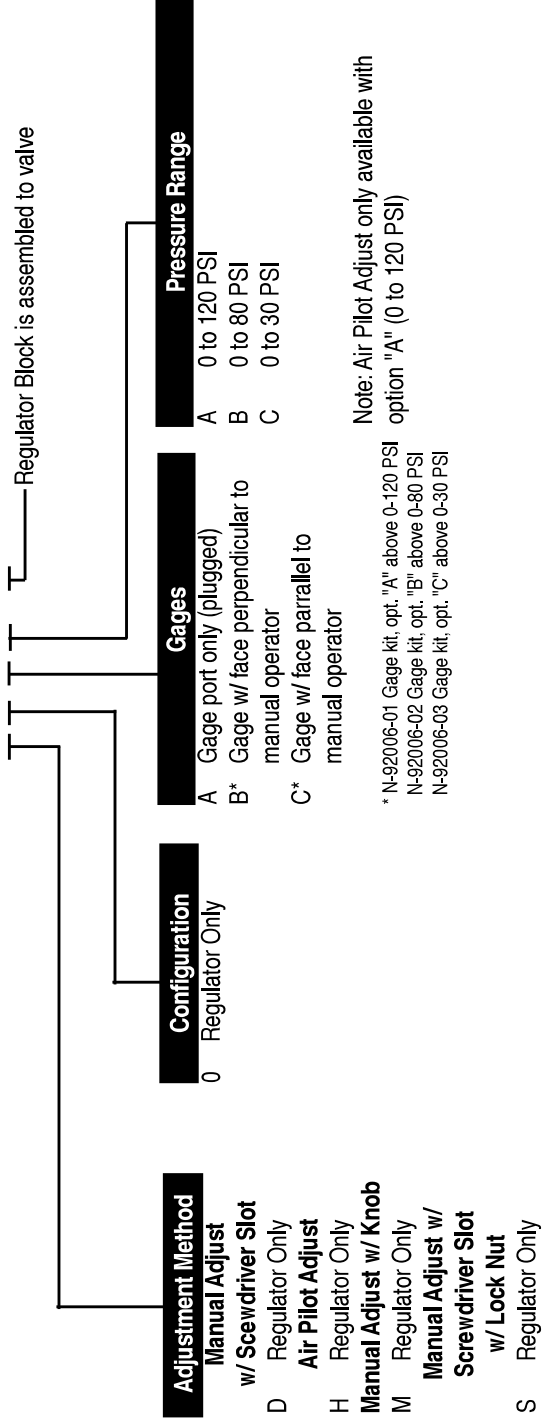
EBM Circuit Bar

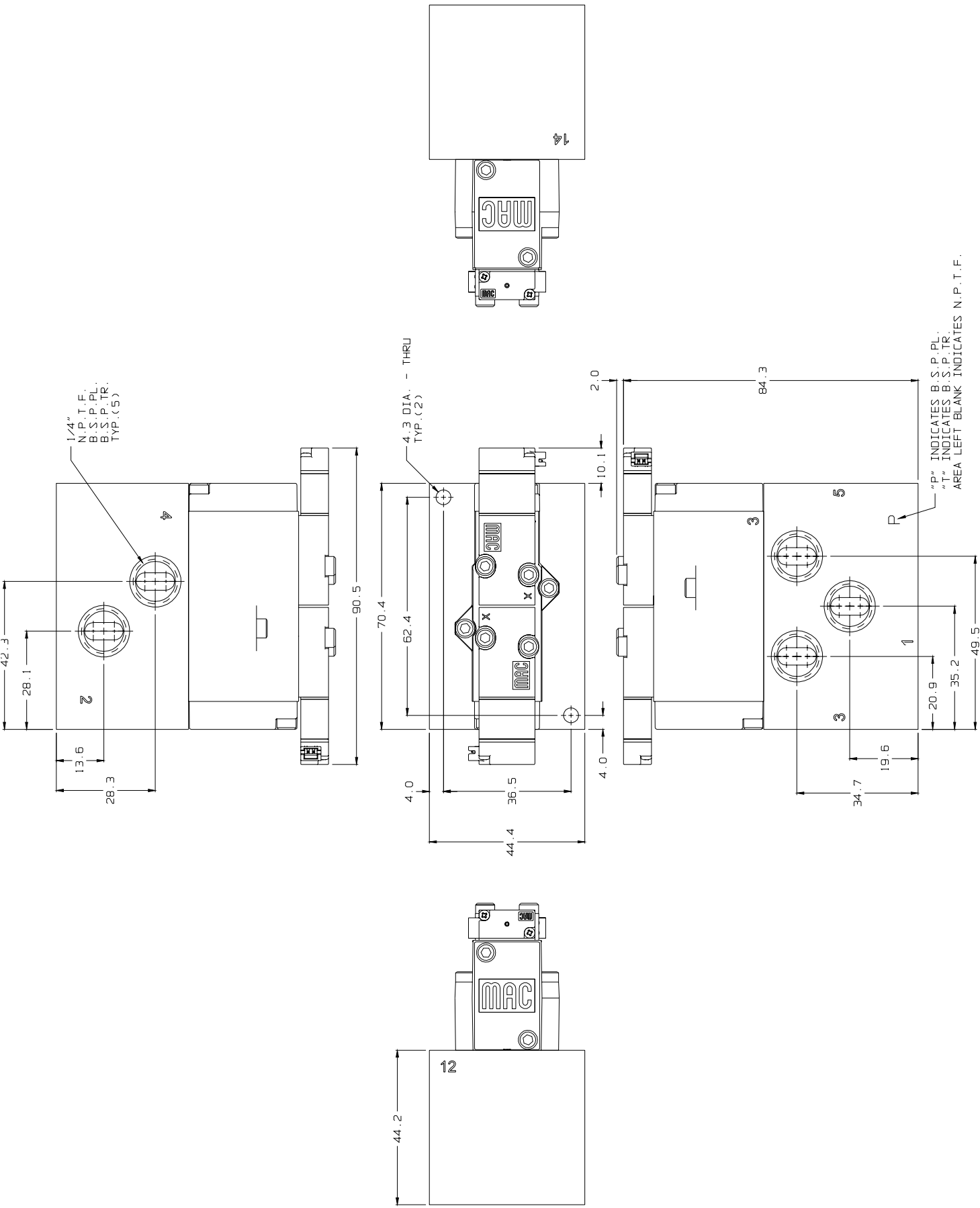


Common Through Ports are 3/8"

How to Order Regulator

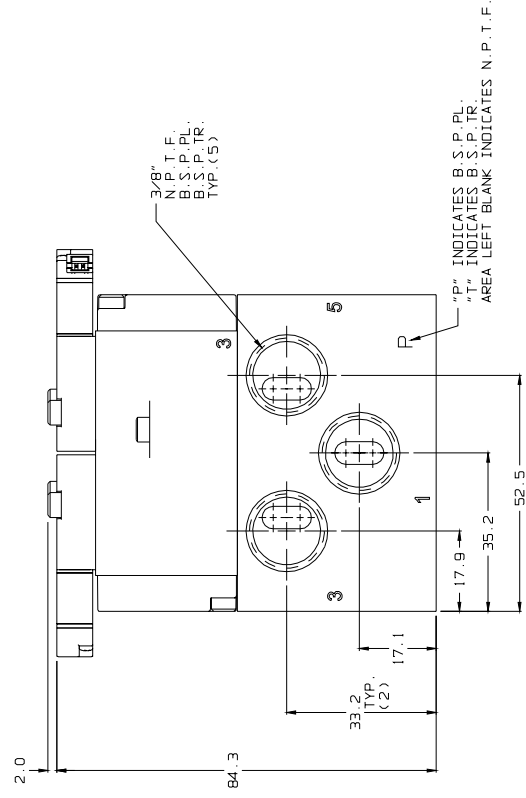
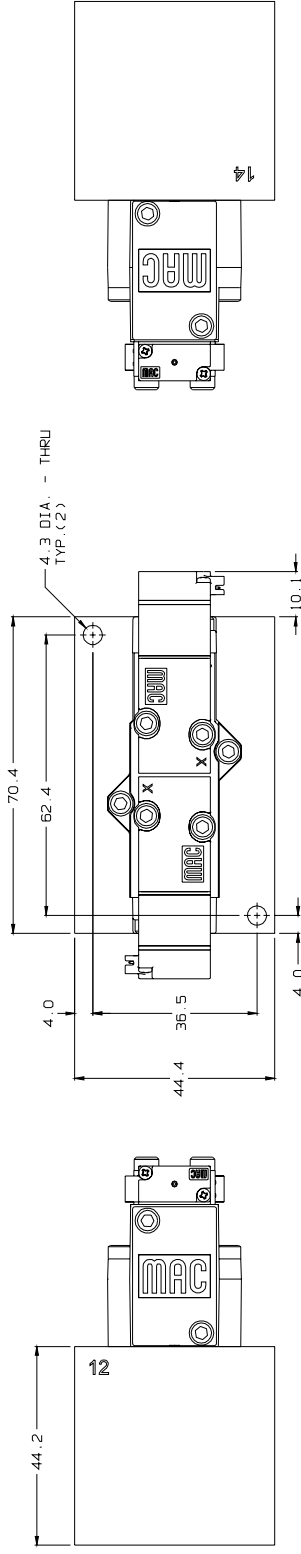
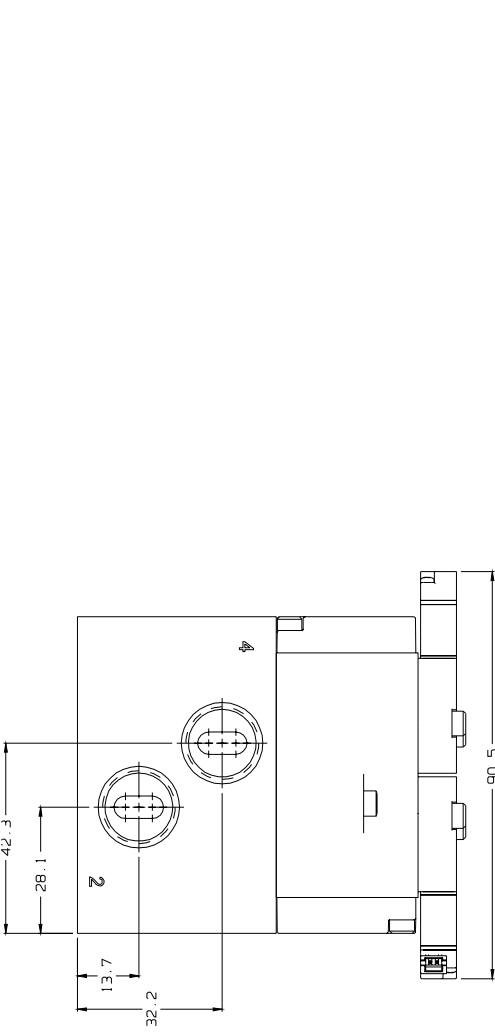
PR92C - X X X X - 9



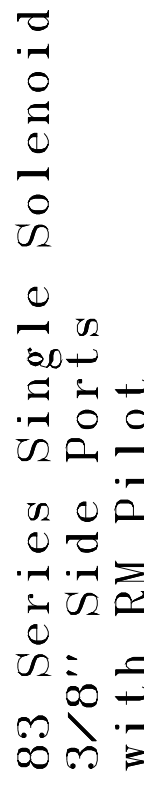


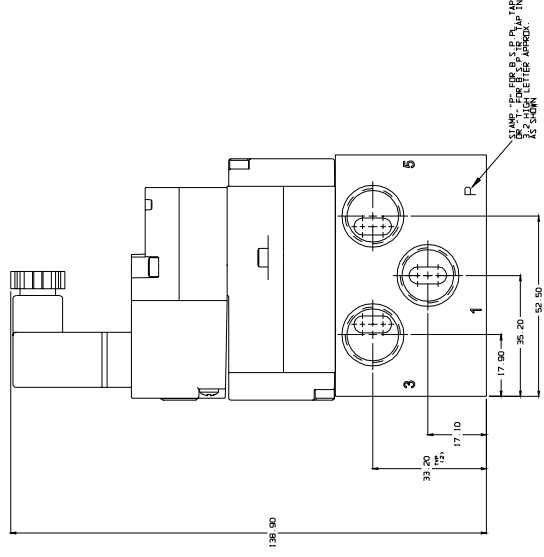
83 Series Individual Base 1/4" Side Ports (shown w/ RM3 Pilots)



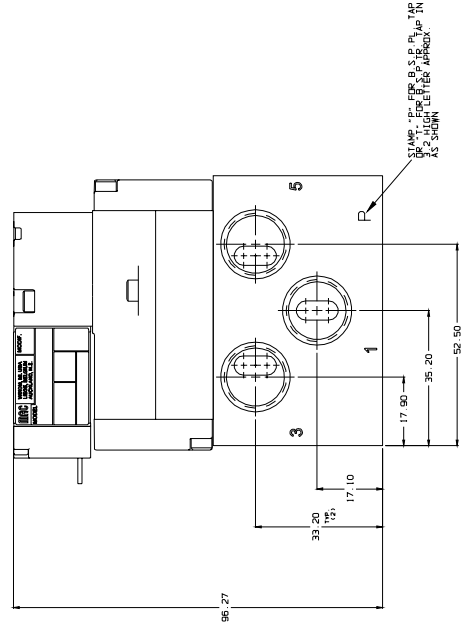
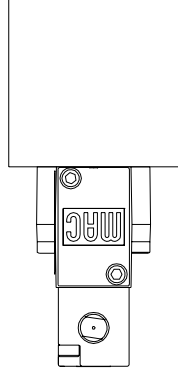
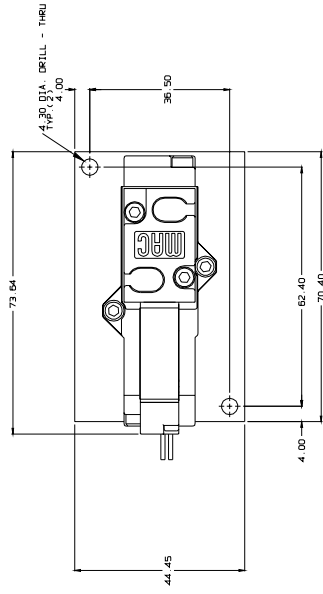
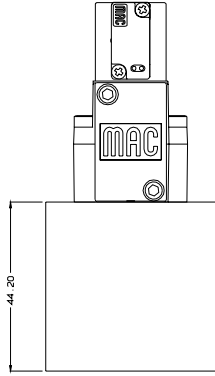
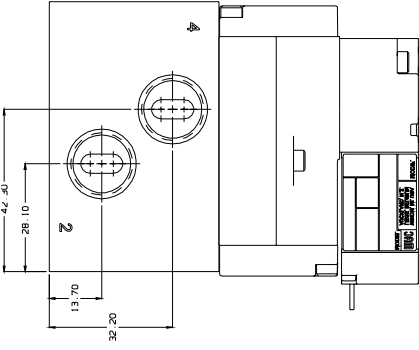


83 Series Individual Base
 3/8" Side Ports
 (shown w/ RM3 Pilots)

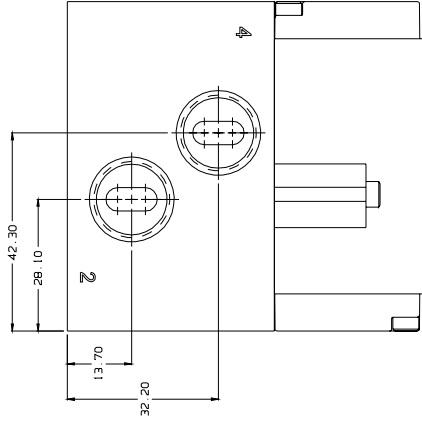




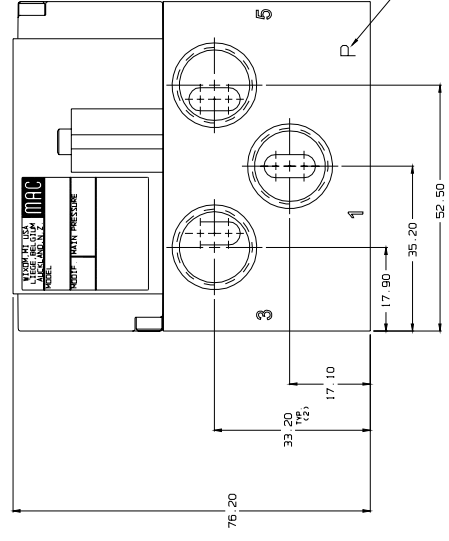
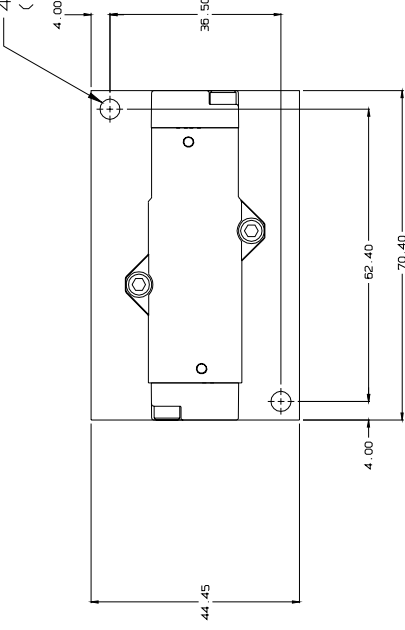
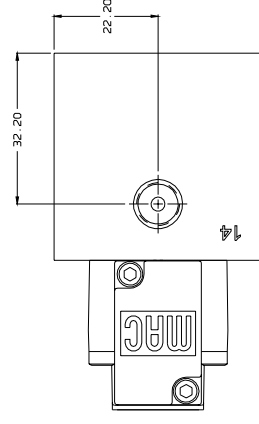
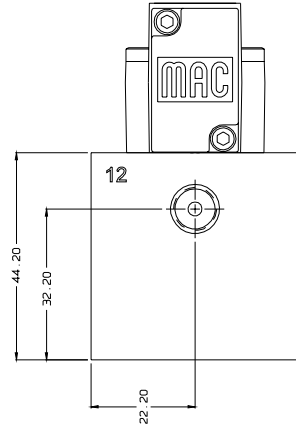
83 Series Single Solenoid 3/8" Side Ports with DM Pilot



83 Series Single Solenoid 3/8" Side Ports with GM Pilot



4.30 DIA. -THRU
(TYP. 2)



STAMP "P" FOR S.P. PL. TAP
OR "T" FOR TAP IN
3/2" HIGH LETTER APPROX.

83 SERIES DOUBLE REMOTE AIR
BASE (SHOWN WITH 3/8" PORTS)