

MAC Pulse Valve PV09 Series



PV09 Series

The MAC Pulse Valve Series is designed to surpass the performance and reliability of existing pulse valve technology. The MAC solution utilizes a long life, bonded-spool design, instead of the traditional diaphragm style. MAC also uses a balanced pilot valve that isolates the solenoid from airline contamination. Available with integral solenoid pilot as well as bleed pilot configurations.

Direct Drop-in

The MAC Pulse Valve can conveniently be installed in virtually any application. A traditional 90° base or optional adapter plate allows the MAC valve to directly replace diaphragm technology with our bonded spool technology without disturbing existing plumbing. You can even use existing remote solenoids or our integral solenoid pilot for the ultimate performance and reliability.

Harsh Environment Compatible

An aluminum die-cast body, Viton® seals and an environmentally protected solenoid are standard features. These materials allow for a wide standard temperature rating and high degree of chemical resistance

Maintenance

The MAC bonded spool pulse valves delivers lower cost of ownership through reduction in downtime and lower air consumption. When necessary, maintenance is simplified with available spool kits.

Repair Kits

Kit	
Viton®	K-PV003-05
93 Series spool kit	S-93002-05

Product Characteristics and Performance

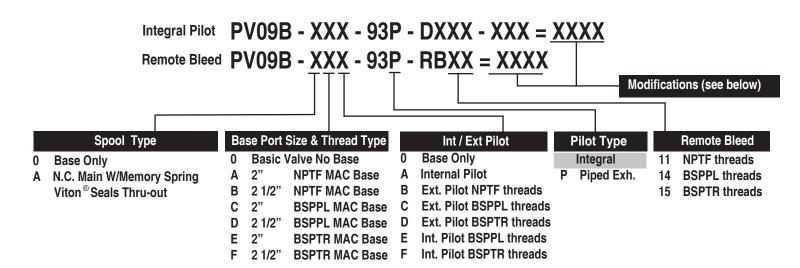
Flow	Temp Range Viton	Pressure Range
100 Cv	-20°F - 230°F	30 - 120 PSI
	-29°C - 110°C	2.07 - 8.27 bar





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Solenoid Valve Options

- DXX X - X XX

	Voltage	Lead	d Wire Length	Ma	nual Operator
JA	120/60, 110/50	Α	18"	 1	Non Locking
JB	240/60, 220/50	В	24"		
JD	100/60,100/50,110/60	C	36"		
DA	24VDC (5.4W)	D	48"		
EW	24VDC (8.0W)	E	72"		
DB	12VDC (5.4W)	F	96"		
DC	12VDC (7.5W)	J	External		
	, ,		Plug-In Lead		

Pilot Only Options - Bodies and Assemblies

93A-LPC-C0J-HP-DXXV-1XX=XXXX (Solenoid Operated Pilot Valve) HPA-DHXXV-YZZ=XXXX (Pilot to 93)

93A-LP0-C0J-HP-RBXX=XXXX (Bleed Pilot Valve)

HPA-RBXX=XXXX (Pilot to RB 93)

Modifications - One Selection Required

PVVT Viton Seals, NPTF threads on pilot EVVT Viton Seals, BSPPL threads on pilot

Spool Kits

K-PV003-05 Viton (includes seals and spring)

Electrical Connector

BA	Grommet	
DA	Gronnine	

- **Grommet w/Diode** BK
- CM Metal Conduit 1/2"
- CN Metal Conduit w/Ground 1/2"
- Square Pluq-in JA
- JB Rectangular Plug-in
- JC Square Plug-in w/Light
- JD Rectangular Plug-in w/Light
- JJ **Square Male Only**
- **Rectangular Male Only** JM
- KA Mini Plug-in
- KB Mini Plug-in w/Diode
- KC Mini Plug-in w/LED & Diode
- KD Mini Plug-in w/Light
- KE Mini Plug-in w/Light & Diode
- KJ Mini Plug-in Male Only
- KK Mini Plug-in Male Only w/Diode



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