**PV06 Series**

The MAC Pulse Valve series is designed to be a direct drop-in replacement for existing pulse 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 is available with various adapter options. These adapter options allow the MAC valve to directly replace the diaphragm technology with our bonded spool technology without disturbing plumbing. The MAC bleed configuration works with existing remotely located solenoids.

**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**

Lower cost of ownership through reduction in downtime due to high reliability. When necessary, maintenance is simplified with available spool kits.

**Repair Kits**

<table>
<thead>
<tr>
<th>Kit</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Viton®</td>
<td>K-PV002-05</td>
</tr>
</tbody>
</table>

**Product Characteristics and Performance**

<table>
<thead>
<tr>
<th>Flow</th>
<th>Temp. Range Nitrile</th>
<th>Temp Range Viton</th>
<th>Pressure Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>53.2 Cv</td>
<td>0°F - 140°F</td>
<td>-20°F - 230°F</td>
<td>40 - 120 PSI</td>
</tr>
<tr>
<td>-18°C - 60°C</td>
<td>-29°C - 110°C</td>
<td>2.75 - 8.27 bar</td>
<td></td>
</tr>
</tbody>
</table>
MAC Pulse Valve
PV06 Series

Integral Pilot
PV06B - XXX - 41P - DXXX - XXX = XXXX
Remote Bleed
PV06B - XXX - 41P - RBXX = XXXX

Base Port Size & Thread Type

- 0 Basic Valve No Base
- A 1 1/2" NPTF MAC Base
- C 1 1/2" BSPPL MAC Base
- E 1 1/2" BSPTR MAC Base

Int / Ext Pilot

- 0 Basic Valve No Base
- A Internal Pilot
- B Ext. Pilot NPTF threads
- C Ext. Pilot BSPPL threads
- D Ext. Pilot BSPTR threads
- E Int. Pilot BSPPL threads
- F Int. Pilot BSPTR threads

Pilot Type

- Integral
- P Piped Exh.

Remote Bleed

- 11 NPTF threads
- 14 BSPPL threads
- 15 BSPTR threads

Solenoid Valve Options

- DXXX - XXX

Voltage

- JA 120/60, 110/50
- JB 240/60, 220/50
- JD 100/60, 100/50, 110/60
- DA 24VDC (5.4W)
- EW 24VDC (8.0W)
- DB 12VDC (5.4W)
- DC 12VDC (7.5W)

Lead Wire Length

- A 18"
- B 24"
- C 36"
- D 48"
- E 72"
- F 96"
- J External Plug-In Lead

Manual Operator

- 1 Non Locking

Electrical Connector

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

Pilot Only Options - Bodies and Assemblies

- Note: Revisions A and B are currently available and identified by 4th character in PN. Be sure to order the same revision you are replacing
- 41HA-00A-HX-DXXV-YZZ=XXXX (solenoid operated pilot valve)
- See options above and modifications below
- 41HB-00A-HX-DXXV-YZZ=XXXX (bleed pilot valve)
- See options above and modifications below

Modifications - One Selection Required

- PVVT Viton Seals, NPTF threads on pilot
- EVVT Viton Seals, BSPPL threads on pilot
- PVTR Viton Seals, BSPTR threads on pilot

Spool Kit

- K-PV002-05 Viton (includes seals and spring)