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, nitrile seals and an environmentally protected solenoid are standard features. Viton® seals are also available for extreme temperature environments and chemical resistance.

Maintenance

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

Spool Kits

<table>
<thead>
<tr>
<th>Kit</th>
<th>Description</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 Vnite</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>30 - 120 PSI</td>
</tr>
<tr>
<td></td>
<td>-18°C - 60°C</td>
<td>-29°C - 110°C</td>
<td>2.07 - 8.27 bar</td>
</tr>
</tbody>
</table>
MAC Pulse Valve PV06 Series

Configuration Options

Integral Pilot
PV06B - XXX - 41X - DXXX - XXX = XXXX

Remote Bleed
PV06B - XXX - 41X - RBXX = XXXX

Modifications (see below)

Configuration Options

Spool Type
0 Base Only
A N.C. Main W/Memory Spring Viton® Seals Thru-out

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 Base Only
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
M Muffled Exh.
P Piped Exh.
Remote Bleed
0 Remote

Remote Bleed
0 Remote

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
0 No 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 (solenoid operated pilot valve)
See options above and modifications below
41HA-00A-H0-RBXX=XXXX (bleed pilot valve)
See options above and modifications below
41HB-00A-H0-RBXX=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)