

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.

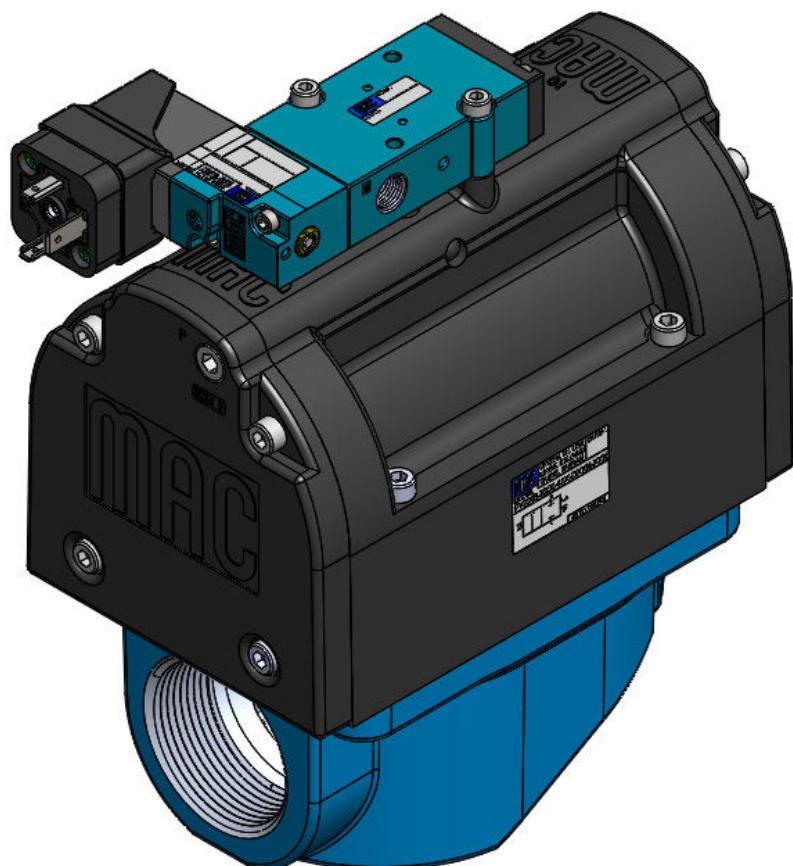
Repair Kits

Kit

Viton® K-PV002-05

Product Characteristics and Performance

Flow	Temp. Range Nitrile	Temp Range Viton	Pressure Range
53.2 Cv	0°F - 140°F	-20°F - 230°F	40 - 120 PSI
53.200 NL/min	-18°C - 60°C	-29°C - 110°C	2.75 - 8.27 bar





MAC Pulse Valve

PV06 Series



Integral Pilot **PV06B - XXX - 41P - DXXX - XXX = XXXX**

Remote Bleed **PV06B - XXX - 41P - RBXX = XXXX**

Modifications (see below)

Spool Type	Base Port Size & Thread Type	Int / Ext Pilot	Pilot Type	Remote Bleed
0 Base Only	0 Basic Valve No Base	0 Base Only	Integral	11 NPTF threads
A N.C. Main W/Memory Spring Viton® Seals Thru-out	A 1 1/2" NPTF MAC Base C 1 1/2" BSPP MAC Base E 1 1/2" BSPT MAC Base	A Internal Pilot B Ext. Pilot NPTF threads C Ext. Pilot BSPP threads D Ext. Pilot BSPT threads E Int. Pilot BSPP threads F Int. Pilot BSPT threads	P Piped Exh.	14 BSPP MAC Base 15 BSPT MAC Base

Solenoid Valve Options

- DXXX - XXX

Voltage	Lead Wire Length	Manual Operator	Electrical Connector
JA 120/60, 110/50	A 18"		BA Grommet
JB 240/60, 220/50	B 24"		BK Grommet w/Diode
JD 100/60,100/50,110/60	C 36"		CM Metal Conduit 1/2"
DA 24VDC (5.4W)	D 48"		CN Metal Conduit w/Ground 1/2"
EW 24VDC (8.0W)	E 72"		JA Square Plug-in
DB 12VDC (5.4W)	F 96"		JB Rectangular Plug-in
DC 12VDC (7.5W)	J External Plug-In Lead	1 Non Locking	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-DXXX-YZZ=XXXX (solenoid operated pilot valve)

See options above and modifications below

41HB-00A-HX-DXXX-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, BSPP MAC Base

PVTR Viton Seals, BSPT MAC Base

Spool Kit

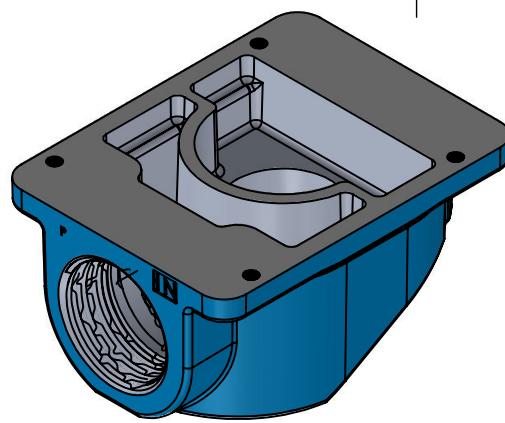
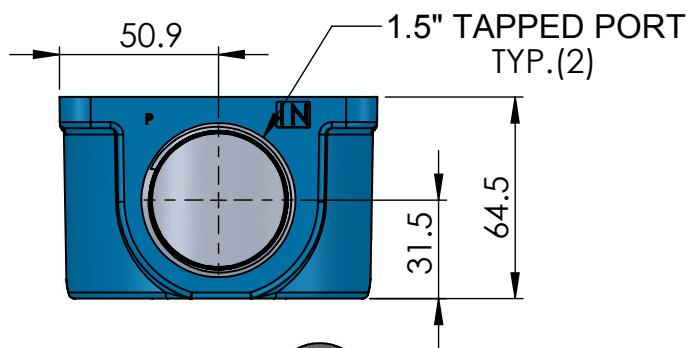
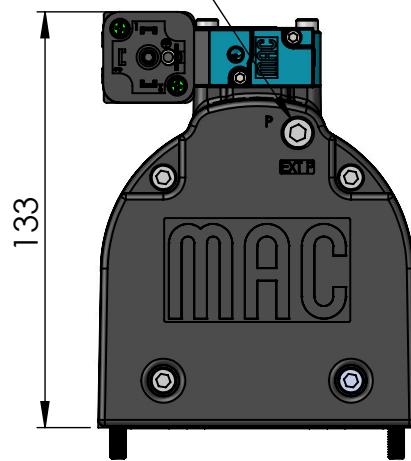
K-PV002-05 Viton (includes seals and spring)



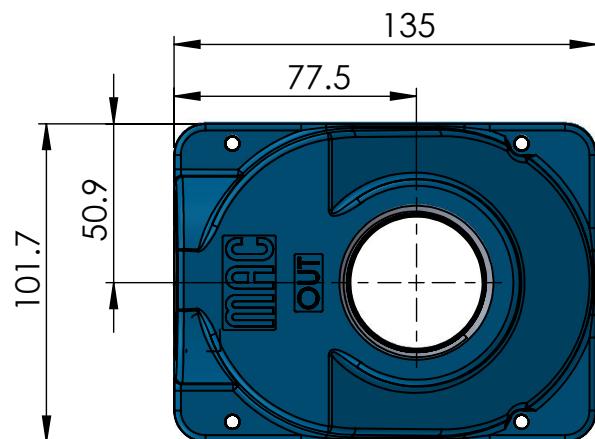
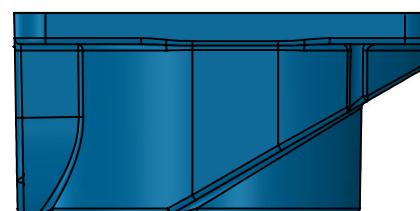
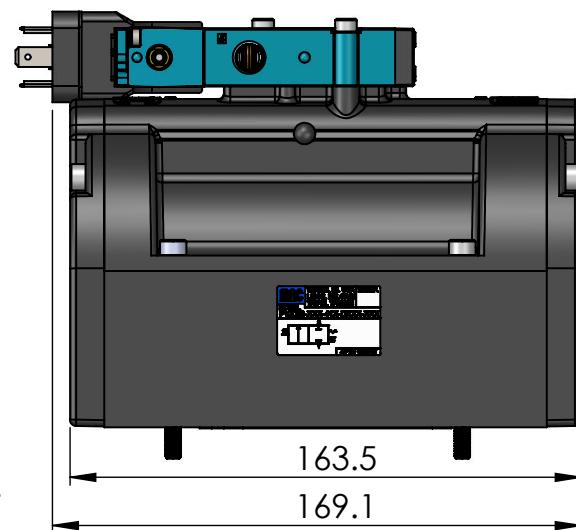
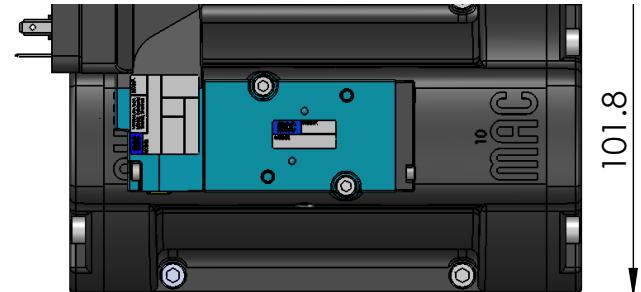
MAC Pulse Valve PV06 Series



1/8" TAPPED PORT
BOTH ENDS



MAC 1.5" BASE



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