

The MAC 56 series is a 3-way balanced spool valve piloted by our 100 series.

This is an extremely versatile valve: **1:** It can be converted for use in vacuum. **2:** It can be changed from a normally closed function to a normally open function by simply rotating a function plate between the pilot and main valve bodies. **3:** It can also be converted to a remote air operated valve by removing the solenoid pilot assembly - just to name a few. For more information regarding certifications (such as UL, CSA, RoHS and CE) please ask our team at Mac Valves Pacific.

Stock Part Number: 56C-16-392JD

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
3/2 & 2/2 N/O-N/C	3/8"-1/2"-3/4"	5.7 Cv	Ext. Vac. to 150PSI Int. 25 to 150PSI	Inline

OPERATIONAL BENEFITS

- Balanced spool, immune to variations of pressure.
- Short stroke with high flow.
- Large spool area provides maximum shifting forces.
- Checked accumulator guarantees maximum pilot pressure.
- Powerful return force thanks to the combination of mechanical and air springs.
- Bonded spool with minimum friction, shifting in a glass-like finished bore.
- Wiping effect eliminates sticking.
- Pilot valve with balanced poppet, high flow, short and consistent response times.

N/C pilot - NC spool



N/O pilot - N/C spool



56 SERIES

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56 C - $\begin{matrix} X & X & - & XX & X & XX \\ T & T & & T & T & T \\ 1 & 2 & & 3 & 4 & 5 \end{matrix}$

1 - Valve Function

- 1 Internal Pilot, N.C. Pilot, N.C. Main Spool
- 2 Internal Pilot, N.O. Pilot, N.C. Main Spool
- 3 External Pilot, N.C. Pilot, N.C. Main Spool
- 4 External Pilot, N.O. Pilot, N.C. Main Spool
- 5 Remote Air Pilot Operated, N.C. Main Spool
- 6 Internal Pilot, N.C. Pilot, N.O. Main Spool
- 7 External Pilot, N.C. Pilot, N.O. Main Spool
- 8 Remote Air Pilot, N.O. Main Spool

2 - Port Size

- | | |
|-------------|-------------|
| 5 3/8" BSPP | 6 1/2" BSPP |
| 8 3/4" BSPP | |

3 - Voltage

AC Voltage	DC Voltage
11 120/60, 110/50	50 24VDC (6W)
12 240/60, 220/50	55 12VDC (6W)
22 24/50-60	59 24VDC (2.5W)
39 240/50	60 12VDC (8.5)
*Further Options Available	61 24VDC (8.5)

4 - Manual Indicator Lights

- | | |
|--------------------|-------------------------------|
| 0 No Operator | 1 Non-Locking Recessed (Std.) |
| 2 Locking Recessed | 3 Non-Locking Extended |
| 4 Locking Extended | |

5 - Enclosure

- | | |
|----------------------|-------------------------|
| BA Grommet | CA Conduit 1/2" NPS |
| JA Square - No Light | JB Rectangle - No Light |
| JC Square w/Light | JD Rectangle w/Light |

*Lights are available for 120/60, 110/50 or 240/60, 220/50 or 24VDC with JIC enclosure only (AA).

56 SERIES - Remote Air Pilot Operated Models

56 C - $\begin{matrix} X & X & - & RA \\ T & T & & \\ 1 & 2 & & \end{matrix}$

1 - Function

- 5 Normally Closed
- 8 Normally Open

2 - Port Size

- 5 3/8" BSPP
- 6 1/2" BSPP
- 8 3/4" BSPP

Accessories

- | | |
|---------|-------------------------------|
| R-59003 | Remote Air Pilot Block |
| M-00012 | Explosion Proof Adapter Plate |

Pilot Valve

- 130B - XX X XX

Modifications

- | | |
|----------|-------------------|
| MOD 0158 | Heavy Duty Spring |
|----------|-------------------|

For "External Pilot", substitute "RA" for "RE" in part number