

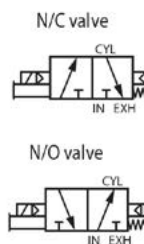
The MAC 55 series is a 3-way balanced spool valve piloted by a small direct operated balanced poppet valve. This is an extremely versatile valve: **1:** It can be converted for use in vacuum. **2:** It can be changed from an internal pilot to external by simply rotating the adapter between the pilot 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:** 55B-14-PI-501JD

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
3/2 & 2/2 N/O-N/C	1/4"-3/8"	2.2 Cv	Ext. Vac. to 150PSI Int. 30 to 150PSI	Inline

### OPERATIONAL BENEFITS

- Balanced spool, immune to variations of pressure.
- Short stroke with high flow.
- The piston (booster) 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.



55 SERIES

## 55 SERIES

55B - X X - XX - XX X XX  
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 1 2 3 4 5 6

### 1 - Valve Function

- Normally Closed
- Normally Open

### 2 - Port Size

- 1/4" BSPP
- 3/8" BSPP

### 3 - Port Size

- PI Internal Pilot
- PE External Pilot

### 4 - Voltage

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

\*Further Options Available

### 5 - Manual Operator Indicator Lights

- No Operator
- Non-Locking Recessed (Std.)
- Locking Recessed
- Non-Locking Extended
- Locking Extended

### 6 - 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 24VDC with JIC enclosure only (AA).

### Modifications

- Diverter models
- MOD 0575 Diverter Internal pilot
  - MOD 0575 Diverter External pilot
  - MOD 0158 Heavy Duty Spring

### Remote Air Pilot Operated Models

- Normally closed
- 55B-13-RA 1/4"
  - 55B-14-RA 3/8"
- Normally open
- 55B-23-RA 1/4"
  - 55B-24-RA 1/4"

