

67 SERIES

The MAC 67 series is a 3-way balanced spool valve piloted by a small direct operated 4-way solenoid pilot - a one-off in air valve manufacturing. The 4-way pilot means a low minimum operating pressure - no pistons or springs - and minimal resistance to shifting. The balanced design in the pilot means shifting forces are consistently high and response times are repeatable regardless of inlet pressure fluctuations. For more information please ask our team at Mac Valves Pacific.

Stock Part Number: 67A-A1-DAA-DM-DDAJ-1JD

| Function | Port size | Flow (Max) | Pressure Range | Individual Mounting |
|-----------------|-----------|------------|--|---------------------|
| 3/2 & 2/2 NO-NC | 3/4 - 1" | 20.0 Cv | Ext. Vac. to 150PSI Int. 20 to 150PSI | Inline |

OPERATIONAL BENEFITS

- The 4-way pilot develops maximum shifting force both ways.
- Memory spring available.
- Balanced spool, immune to variations of pressure, also provides high flow.
- Short stroke with high flow.
- Bonded spool with minimum friction, shifting in a glass-like finished bore.
- Pilot with balanced poppet, high flow, short and consistent response times.
- Wiping effect eliminates sticking.



67 SERIES

67A - X X - X X X - XX - D XX X - X XX
1 2 3 4 5 6 7 8 9 10

1 - Spool Type

- A Single Operator - Normally Closed
- B Double Operator - Normally Closed
- C Single Operator - Normally Open
- D Double Operator - Normally Open
- G Single Operator - Universal Spool
- H Double Operator Universal Spool

2 - Spool Return

- 1 Standard Return
- 2 Standard Return w/ Memory Spring
- 3 Single Remote Air (w/ air spring return)
- 4 Double Remote Air

3 - Port Size & Thread Type

- C 3/4" BSPPL
- D 1" BSPPL
- G O-Ring Mount - Bottom Port

4 - Pilot Exhaust / Remote Air

- A Standard Pilot Exhaust
- R Remote Air

5 - Internal / External Pilot

- A Internal Pilot
- B External Pilot

67 SERIES - PILOT VALVE OPTIONS (If RA or RE - 7, 8, 9, & 10 don't apply)

XX - D XX X - X XX
6 7 8 9 10

6 - Pilot Style / Remote Air

- DM Pilot Valve w/muffled exhaust
- RA Remote Air
- RE Remote External

7 - Voltage

- JA 120/60, 110/50
- JF 240/50
- DB 12 VDC (54W)
- DF 24 VDC (12.7W)(CLSF)
- FF 24 VDC (24W)
- JC 24/60, 24/50
- DA 24 VDC (54W)
- DE 12 VDC (12.7W)(CLSF)
- FE 12 VDC (24W)

8 - Lead Wire Length

- 0 No Wires - Plug Option
- A 18" Coil Leads

9 - Manual Operator

- 0 No Operator
- 1 Non-Locking Manual Operator
- 2 Locking Manual Operator
- 3 Non-Locking Extended Manual Operator
- 4 Locking Extended Manual Operator

10 - Electrical Connector

- BA Grommet
- JB Rectangular Plug - No Light
- JD Rectangular Plug - w/Light

Solenoid and Cover Assembly

DXXX - XXX1

Complete Pilot Valve

DMB-DXXX-XXX1

Note: Low Wattage Available As Complete Valves Only