

# 35 SERIES

The MAC 35 Series is a direct solenoid operated 3-way poppet valve. It features a short stroke solenoid, a balanced poppet and powerful return spring. These features translate into high shifting forces, fast consistent response times, and long life. Our unique balanced design means versatility in piping - the valve can be configured as a 3-way or 2-way - normally closed or normally open or can be used for vacuum, diverter or selector applications.

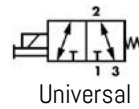
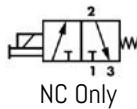
For more info regarding voltage, plug options, & certifications (such as UL, CSA, RoHS and CE) please ask our team at Mac Valves Pacific.

**Stock Part Number:** 35A-ACA-DAAJ-2KD, 35A-ACA-DAFA-1BA, 35A-ACA-DAFJ-1JD  
 35A-ACA-DAJJ-2JD, 35A-ACADAJJ-2KD, 35A-ACA-DDAA-1BA Mod532F, 35A-ACA-DDAJ-1JD

| Function             | Port size | Flow (Max) | Pressure Range | Individual Mounting |
|----------------------|-----------|------------|----------------|---------------------|
| 3/2 NO-NC, 2/2 NO-NC | 1/8"      | 0.17 Cv    | Vac. to 120PSI | Inline              |

### OPERATIONAL BENEFITS

- Burn-out proof solenoid on AC service.
- Balanced poppet.
- Short stroke with high flow.
- Patented solenoid develops high shifting forces.
- Powerful return spring.
- Manual operator standard on all valves.



### 35 SERIES VALVE & BASE OPTIONS

35A - X X X - D XX X - X XX  
 1 2 3 4 5 6 7 8

#### 1 - Body Type

- |               |                      |
|---------------|----------------------|
| <b>Inline</b> | <b>Stacking Body</b> |
| A Inline Body | S Stacking Body      |

#### Base Mount Body

- O No Valve Body or Regulator
- B Manifold Valve (Universal Poppet)

#### 2 - Port Size And Thread Type

- O Manifold Body Only or Regulator Only
- C 1/8" BSPPL

#### 3 - Valve Function/Manifold Type

- Inline or Stacking Body**
- A Universal 3-Way Inline
  - B 3-Way N.C. Only Inline/Stacking

#### Manifold/Base & Regulators

- |  |                                     |
|--|-------------------------------------|
| O No Manifold Base   | E N.C. Manifold Base                |
| F N.O. Manifold Base   | G N.C. Manifold Base with regulator |
| H N.O. Manifold Base w/ regulator                              |                                     |
| J N.C. Manifold Base w/ regulator with adjust knob             |                                     |
| K N.O. Manifold Base w/ regulator with adjust knob             |                                     |
| N N.C. Manifold Base Cascade Type                              |                                     |
| P N.C. Manifold Base w/ regulator Cascade Type                 |                                     |
| R N.C. Manifold Base w/ regulator - adjust knob (Cascade Type) |                                     |
| S N.C. Manifold Base w/ regulator - locking stem               |                                     |
| T N.O. Manifold Base w/ regulator - locking stem               |                                     |

#### Regulators Only

- L Regulator only (standard)
- M Regulator only with adjust knob
- U Regulator only with locking stem

#### 4 - Operator

- D Solenoid
- RA14 Remote Air

#### 5 - Voltage - \*Further voltage options contact MVP

- |                   |                                 |
|-------------------|---------------------------------|
| AA 120/60, 110/50 | DE 12VDC (12.7W)(MOD CLSF only) |
| AC 24/60, 24/50   | DF 24VDC (12.7W)(MOD CLSF only) |
| AF 240/50         | DA 24VDC (54W)                  |
| FB 24VDC (1.8W)   | DB 12VDC (54W)                  |
| FE 12VDC (24W)    | DC 12VDC (7.5W)                 |
| FF 24VDC (24W)    |                                 |

#### 6 - Lead Wire Length

- A 18" Coil Leads
- J External Plug-in Lead

#### 7 - Manual Operator

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

#### 8 - Electrical Connector

- |                                 |                                    |
|---------------------------------|------------------------------------|
| BA Grommet                      | KC Mini Plug-in with M.O.V.        |
| CA Conduit 1/2"                 | KD Mini Plug-in with Light         |
| JB Rectangular Plug-in          | KE Mini Plug-in with Light & Diode |
| JD Rectangular Plug-in w/ Light | KJ Mini Plug-in Male Only          |
| JM Rectangular Male Only        | TA Dual Tabs (.110) w/ Receptacles |
| KA Mini Plug-in                 |                                    |
| KB Mini Plug-in with Diode      |                                    |

#### Accessories

- |             |   |
|-------------|---|
| M-35001-01P | End Plate Kit with out Conduit Stacking               |
| M-35002-01P | End Plate Kit — Common Conduit Stacking               |
| M-35003-01P | End Plate Kit — Manifold                              |
| M-35004     | Blank Station Cover Plate (Manifold)                  |
| M-35004-01  | Blank Station Cover Plate w/Pressure Outlet(Manifold) |
| M-35005     | Manifold Base End Cover Plate Plain                   |
| M-35006-01P | End Plate Kit — Manifold (Cascade)                    |
| M-45004     | Spacer Plate Conduit Kit                              |
| N-35001     | Inlet and Exhaust Isolator — Stacking                 |
| N-35002     | Inlet Isolator — Stacking                             |
| N-35003     | Exhaust Isolator — Stacking                           |
| N-35005     | #10-32 to 1/8" Adaptor                                |
| N-35006     | Inlet & Exhaust Isolator Manifold                     |
| N-35007     | Inlet Isolator Manifold                               |
| N-35008     | Exhaust Isolator Manifold                             |

#### Modifications

- O446 High Temp Body
- RPT E Energised Repeatability
- CLSF High Temp Coil
- 532F Washdown (Not suitable for DM pilots)
- T65C Temp up to 65C

**\*Note: Low wattage sold as complete valves only**



## 35 SERIES - CIRCUIT BAR NON PLUG-IN

EBM35A -  $\frac{XX}{1}$   $\frac{X}{2}$   $\frac{X}{3}$   $\frac{XX}{4}$  - 9  
Valves and cover plates assembled to bar

### 1 - Spacing

00 21mm Spacing

### 2 - Configuration

1 Side Cylinder Port

### 3 - Regulator with Side Cylinder Port

3 Port Size & Thread Type

C 1/8" BSPPL

### 4 - Stations

Number of Stations (02, 03, 04, etc.)

### Accessories

M-35004 Valve Blanking Plate

M-35005 Regulator Blanking Plate

### Manifold accessories

35A-00L Slotted Stem

35A-00M Adjusting Knob

35A-00U Locking Stem



*Note: Regulator must be ordered separately.*



SMALL  
3-WAY



LARGE  
3-WAY



SMALL  
4-WAY



LARGE  
4-WAY



ISO  
VALVES



PPC  
VALVES



PULSE  
VALVES



BULLET  
VALVES