

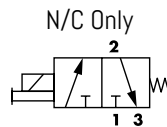
The MAC 33 Series is a direct solenoid operated 3-way - 8mm - poppet valve. A direct operated 3-way of this size with such high flow is unique to MAC due to patented design innovations. It features an oval armature in the solenoid, a balanced poppet and powerful return spring. These features translate into high shifting forces, fast consistent response times, high flow in a small package and long life. 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:** 33A-AAB-RDAA-1BD

| Function | Port size | Flow (Max) | Pressure Range | Individual Mounting |
|----------|-----------|------------|----------------|---------------------|
| 3/2 N/C  | M3        | 0.082 Cv   | Vac. to 120PSI | Inline              |

**OPERATIONAL BENEFITS:**

- 8mm valve, direct solenoid operated.
- Balanced poppet, immune to variations of pressure.
- Short stroke with high flow.
- Patented solenoid develops high shifting forces.
- Powerful return spring.
- Low wattage solenoids.
- Extremely fast response times.



33 SERIES

## 33 SERIES

33A - X X X - R XX X - X XX  
 1 2 3 4 5 6 7

- 1 - Body Type**  
A Inline L Base Mount Body
- 2 - Port Size & Thread Type**  
0 Base Mount Body A M3 (Metric)
- 3 - Body Function**  
A 1.8 Watt & Above
- 4 - Voltage**  
DC 24VDC (1.8w) DJ 12VDC (1.8w)  
DF 24VDC (4.0w) DM 12VDC (4.0w)  
\* Other voltages available

- 5 - Lead Wire Length**  
0 No Lead Wire P Base Plug-In  
A 18" Coil Leads
- 6 - Manual Operator**  
0 No Manual Operator  
1 Recessed Non-Locking Operator  
3 Extended Non-Locking Operator
- 7 - Electrical Connectors**  
BA Flying Leads BD Flying Leads w/ LED and MOV

## 33 SERIES - CIRCUIT BAR NON PLUG-IN

EBM33A - XX X X X - XX - 9  
 1 2 3 4 5 Valves and cover plates assembled to bar

- 1 - Spacing**  
00 8.5mm Spacing
- 2 - Configuration**  
1 Side Cylinder Port 2 Bottom Cylinder Port
- 3 - Style**  
A Standard Bar

- 4 - Port Size (Cylinder Ports)**  
E #10-32 (1/8" BSPPL Common Thru Ports)
- 5 - Stations**  
Number of Stations (02, 03, 04, etc.)
- Accessories**  
M-33001 Blank Station Cover Plate

## 33 SERIES - CIRCUIT BAR PLUG-IN

ECD33A - XX X X X - XX XX - 9  
 1 2 3 4 5 6 Valves and cover plates assembled to bar

- 1 - Spacing**  
00 8.5mm Spacing
- 2 - Configuration**  
1 Side Cylinder Port 2 Bottom Cylinder Port
- 3 - Style**  
A Standard Bar
- 4 - Port Size (Cylinder Ports)**  
F #10-32 (1/8" BSPT Common Thru Ports)  
J M5 (1/8" BSPT Common Thru Ports)

- 5 - Base Electrical**  
A0 Standard (No Light)
- 6 - Stations**  
Number of Stations (02, 03, 04, etc.)
- Accessories**  
M-33001 Blank Station Kit  
N-33001 Body to Base Fastening Kit