

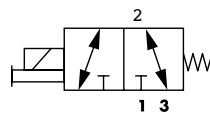
The MAC 34 Series is a direct solenoid operated 3-way - 10mm - poppet valve. A direct operated 3-way of this size with such high flow is unique to MAC due to patented design innovations. It features an oval armature in the solenoid, a balanced poppet and powerful return spring. These features translate 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: 34B-L00-GDJA-1BA, 34C-ABA-GDEA-1KA

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
3/2 NO-NC, 2/2 NO-NC	M5	0.12 Cv	Vac. to 120PSI	Inline

OPERATIONAL BENEFITS

- 10mm 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.
- Manual operator standard on all valves.



34 SERIES

34 SERIES VALVE & BASE OPTIONS

34C - X X X - G XX X - X XX
 1 2 3 4 5 6 7

1 - Body Type

- A Individual Inline
- L Base Mount Body

2 - Port Size & Thread Type

- 0 Base Mount Body
- B M5 (Metric, Inline)

3 - Body Function

- 0 No base (body only)
- A Universal 3-Way (inline)
- B 3-Way N.C. only (inline)

4 - Voltage

- AB 240 VAC (4.0W) - Use with "HA" or "HD" connector
- AC 24 VAC (4.0W)
- DC 24 VDC (1.8W)
- DF 24 VDC (4.0W)
- DJ 12 VDC (1.8W)
- DN 12 VDC (4.0W)

5 - Lead Wire Length

- 0 No Lead Wire
- A 18" Coil Leads

6 - Manual Operator

- 1 Recessed Non-Locking Operator
- 2 Recessed Locking Operator
- 3 Extended Non-Locking Operator
- 4 Extended Locking Operator

7 - Electrical Connectors

- BA Flying leads
- BE Flying leads with suppression diode
- BA Flying leads
- BE Flying leads, suppression diode
- BS Flying leads, suppression diode, blocking diode & LED Light parallel to leads & ground wire
- BT Flying leads, LED light on top
- BU Flying leads, LED light on top & ground wire
- BV Flying leads, suppression diode, LED light on top
- BW Flying leads, suppression diode, LED light on top & ground wire
- BX Flying leads, suppression diode, blocking diode & LED on top
- BY Flying leads, suppression diode, blocking diode, LED on top & ground wire

7 - Electrical Connectors

- DC* Base/Manifold Plug-In w/ Rectifier & LED
- DD* Base/Manifold Plug-In w/ Rectifier & LED w/ Ground
- DE* Plug-in with suppression diode
- DF* Plug-in with suppression diode with ground pin
- DJ* Plug-in
- DM* Plug-in with ground pin
- DT* Plug-in with LED light
- DU* Plug-in with LED light with ground pin
- DV* Plug-in with suppression diode with LED light
- DW* Plug-in with suppression diode with LED light with ground pin
- HA Circuit board plug-in with full wave rectifier & LED (w/ground wire)
- KA Plug-in wire assembly
- KB Plug-in wire assembly with ground wire
- KC Solenoid Plug-In Wire assembly. w/Rectifier and LED
- KD Solenoid Plug-In Wire assembly. w/Rectifier and LED w/ground
- KE Plug-in wire assembly w/ suppression diode
- KF Plug-in wire assembly w/ suppression diode & ground wire
- KN Plug-in wire assembly w/ suppression diode + blocking diode
- KP Plug-in wire assembly with suppression diode + blocking diode & ground wire
- KT Plug-in wire assembly with LED light on top (no ground wire)
- KU Plug-in wire assembly with LED light on top & ground wire
- KV Plug-in wire assembly with suppression diode plus LED light on top
- KW Plug-in wire assembly with suppression diode plus LED light on top & ground wire
- KX Plug-in wire assembly with suppression diode plus blocking diode & LED light on top
- KY Plug-in wire assembly with suppression diode plus blocking diode & LED light on top & ground wire
- PA Pico



34 SERIES - CIRCUIT BAR NON PLUG-IN

EBM 34A - \overline{XX} \overline{X} \overline{X} - \overline{XX} - 9
 1 2 3 4 Valves and cover plates assembled to bar

1 - Spacing

00 10.5mm Spacing

2 - Profile

1 12mm Low Profile
 2 16mm High Profile

3 - Port Size & Thread Type

C 1/8" BSPPL
 D M5 Metric

4 - Stations

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

Accessories

30456-A Blank station cover plate



EBP 34B - \overline{XX} \overline{X} \overline{X} - \overline{XX} - 9
 1 2 3 4 Valves and cover plates assembled to bar

1 - Spacing

00 10.5mm Spacing

2 - Configuration

1 Side cylinder

3 - Port Size & Thread Type (Cyl. Prt)

D M5 Metric

4 - Stations

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

Accessories

M34005 Blank station cover plate



34 SERIES - CIRCUIT BAR PLUG-IN COMMON CONDUIT

ECD034B - \overline{XX} \overline{X} \overline{X} \overline{X} - \overline{XX} \overline{XX} - 9
 1 2 3 4 5 6 Valves and cover plates assembled to bar

1 - Spacing

00 Standard Spacing (10.5 mm)

2 - Configuration

1 Side Cylinder Port
 2 Bottom Cylinder Port
 3 Side Cylinder Port w/ Regulator
 4 Bottom Cylinder Port w/Regulator
 5 Side Cylinder Port w/Flow Control
 6 Bottom Cylinder Port w/ Flow Control
 7 Bottom Cylinder Port w/Regulator and Flow Control
 8 Side Cylinder Port w/ Regulator and Flow Control

3 - Style

A Standard Bar
 B Add-On Style Bar (Includes End Plate)
 C Add-A-Unit Station

4 - Port Size

B #10-32
 D M5 Metric

5 - Lights

A0 Standard (No Light)

6 - Stations

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

Accessories

E-34041-018G	Base Lead Wire Assembly w/Ground
M-34004-01P	Right Hand End Plate Kit
N-44002	Flow Control Needle Assembly
N-44003	Regulator Blank Plate Kit
28415	Isolator Disc, Inlet and Exhaust
16573	End Station Base Wire Way Plug
17012-01-1	"O" Ring Port Seal
19412-01	Tie Rod (10.5mm)
19413-01	Tie Rod (15mm)
24180	Base Wire Plug-In Protector
M-34005	Valve Blank Station Cover Plate
35048	End Plate Mounting Screw

*Note: Regulator must be ordered separately

