Specifications
36 Series Valve (Lifting Solenoid)

Operating Data
Fluids: Air or Inert Gas
Lubrication: Not Required. But if used, select a medium aniline point oil (between 180°F to 210°F).

Safe Operating
Temperature Range: 0° to 120°F (-18° to 50°C)
Pressure Range: Vacuum to 120 PSI
Coils: General Purpose Class A, Continuous duty.
Coil Leads: #22 AWG x 18”, Other lengths available
Solenoid: Single Operator Only

Flows (Cv - Up to)
Average of All Ports

<table>
<thead>
<tr>
<th>Wattage</th>
<th>1.8w</th>
<th>2.4w</th>
<th>5.4w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inline (Cv)</td>
<td>.15</td>
<td>0.20</td>
<td>0.30</td>
</tr>
</tbody>
</table>

Higher flow rates available - Consult Factory

Special Applications
The balanced poppet design facilitates using the same valve for many functions. A valve may be used for pressure and/or vacuum or plugged for 2 Way operation.
How to Order 36L Series (Lifting Solenoid)

36LA - X X X - DXXX-XXX

Body Type
- Inline
  - A: Inline Body
- Base Mount
  - B: Base Mount Body (universal)
  - E: Base Mount Body (n.c. only)

Port Size
- 0: Base Mount Body
- A: 1/8" NPTF
- B: #10 - 32 UNF
- C: 1/8" BSPPL
- D: M5 (Metric)
- E: 1/8" BSPT

Configuration
- 0: Base Mount Body
- A: Inline (universal)
- B: Inline (n.c. only)

Note: Port sizes pertain only to inline body.
Note: Base Mount Body used only with circuit bars.
How to Order 36L Series
Lifting Solenoid Assembly

D XX X - X XX

### Lead Wire Length
- 0: No Lead Wire
- A: 18"
- B: 24"
- C: 36"
- D: 48"
- E: 72"
- F: 96"
- J: External Plug-In
- P: Plug-In

### Manual Operator
- 0: No Operator
- 1: Non-Locking Manual Operator

### Voltage
- DA 24 VDC (5.4W)
- DC 12 VDC (7.5W)
- DE 12 VDC (12.7W)
- DJ 28 VDC (5.2W)
- DL 64 VDC (6W)
- DN 6 VDC (6W)
- DR 90 VDC (6.6W)
- DT 75 VDC (5.6W)
- EB 220 VDC (4.2W)
- EE 12 VDC (4.2W)
- EM 120 VDC (6.2W)
- ET 24 VDC (3.0W)
- FA 12 VDC (1.8W)
- FC 10 VDC (2.2W)
- FF 24 VDC (2.4W)
- FL 18 VDC (2.4W)
- GE 6 VDC (9.0W)
- GG 9 VDC (9.0W)
- DB 12 VDC (5.4W)
- DD 24 VDC (7.3W)
- DF 24 VDC (12.7W)
- DK 110 VDC (5.8W)
- DM 36 VDC (5.3W)
- DP 48 VDC (5.8W)
- DS 110 VDC (73W)
- EA 12 VDC (6.0W)
- ED 24 VDC (4.2W)
- EJ 24 VDC (9.3W)
- ES* 12 VDC (9.5W)
- EW 24 VDC (8.0W)
- FB 24 VDC (1.8W)
- FE 12 VDC (2.4W)
- FK 48 VDC (1.9W)
- GD 220 VDC (73W)
- GF 15 VDC (5.0W)

### Electrical Connectors
- BA Grommet (Flying Leads)
- BK Grommet with diode (Flying Leads)
- BM Plug-in (with leads)
- BN Plug-in with diode (with leads)
- CA Conduit 1/2"
- CM Metal conduit 1/2"
- CN Metal conduit with ground 1/2"
- FM Plug-in (For ECD Bar)
- FN Plug-in with diode (for ECD Bar)
- JB Rectangular plug-in
- JD Rectangular plug-on with light
- JM Rectangular male only
- KA Mini plug-in
- KB Mini plug-in with diode
- KD Mini plug-in with light
- KE Mini plug-in with light & diode
- KG Mini plug-in with LED light & diode
- KJ Mini plug-in male only
- KK Mini plug-in male only with diode
- TA Dual tabs (.110) with receptacles
- TB Dual tabs with diode & receptacles
- TD Dual tabs with light & receptacles
- TE Dual tabs with light, diode & receptacles
- TJ Dual tabs (.110) plain
- TK Dual tabs with diode (no receptacles)
- TM Dual tabs with light (no receptacles)
- TN Dual tabs with light & diode (no receptacles)
- PA Pico

### Notes:
- Use "J" with J, K, T, & P Connectors
- Use "P" with FM & FN Connectors

* MOD CLSF
How to Order 36L Series
EBM Circuit Bar (Non Plug-In)

EBM36LA - XX X X X - XX - 9

Valves, Cover Plates Assembled to Bar
Number of Stations

Spacing
00 20.0mm Spacing
01 26.0mm Spacing

Configuration
A Side Cylinder Port
B Bottom Cylinder Port

Style
A Standard

Port Size
A 1/8" NPTF (w/ NPTF through ports)
B 1/8" BSPPL (w/ BSPPL through ports)
C 1/8" BSPT (w/ BSPT through ports)
D 5/32 Tube Receptacles with NPTF Through Ports
E 5/32 Tube Receptacles with BSPPL Through Ports
F 5/32 Tube Receptacles with BSPT Through Ports

Note: 26mm spacing required for conduit and rect. din type connectors

Ordering Examples
EBM36LA-00AAC-06

36L Series, Non Plug-In, 20.0 mm spacing, 1/8" BSPT side cylinder ports, standard bar, with BSPT through ports (inlet and exhaust) with six identical stations

Note: If all stations are not identical, the circuit bar is considered "Special."
Consult factory for part number and pricing.
How to Order 36L Series
ECD Circuit Bar (Plug-In)

ECD36LA - XX X X X - XX XX - 9

Spacing
00 20.0mm Spacing

Configuration
A Side Cylinder Port
B Bottom Cylinder Port

Style
A Standard Bar

Port Size
A 1/8" NPTF (w/ NPTF through ports)
B 1/8" BSPPL (w/ BSPPL through ports)
C 1/8" BSPTRE (w/ BSPTRE through ports)
D 5/32 Tube Receptacles with NPTF Through Ports
E 5/32 Tube Receptacles with BSPPL Through Ports
F 5/32 Tube Receptacles with BSPTRE Through Ports

Number of Stations

Valves, Cover Plates Assembled to Bar

Lights
A0 Standard (No Light)

Ordering Examples
ECD36LA-00AAA-A006

36L Series, Plug-In, 20.0 mm spacing, 1/8" NPTF side cylinder ports, with NPTF through ports (inlet and exhaust), standard bar, with six identical stations

Note: If all stations are not identical, the circuit bar is considered "Special."
Consult factory for part number and pricing.
36L INLINE VALVE
EBM36LA-00BAA-XX

* 26mm SPACING AVAILABLE FOR CONDUIT AND RECT. DIN TYPE CONNECTOR

* SHOWN WITH A #0 OPERATOR
EBM36LA-00AAA-XX

* 26mm SPACING REQUIRED FOR CONDUIT AND RECT. TYPE CONNECTORS
* SHOWN WITH A #0 OPERATOR

1/4"-18 N.P.T.F. TAP TO GAGE
TYP. (2) BOTH ENDS

5.25 DIA. THRU
TYP. (2)
ECD36LA-00BAA-A0-XX

* SHOWN WITH A #0 OPERATOR
1/2" - 14 N.P.S.M. TAP
11.0 MIN. FULL TH'D DEPTH

6.25 DIA. THRU
TYP. (2)

1/4" - 18 N.P.T.F. TAP TO GAGE
TYP. (2) BOTH ENDS

ECD36LA-00AAA-A0-XX
* SHOWN WITH A #0 OPERATOR