TWO PORT FLOW CONTROL APPLICATIONS
(90 DEGREE BODIES)

FIXED ORIFICE

Go to www.sunhydraulics.com
for more product information and pricing.

FIXED ORIFICE WITH
REVERSE FREE FLOW CHECK

\[ \text{Flow Control} \]

\[ \text{Cavity T-162A} \]

\[ \text{Cavity T-13A} \]

\[ \text{Cavity T-5A} \]

\[ \text{Ports 1 and 2} \]

\[ \text{Assembly Model Code}^* \]

\begin{align*}
1/4" NPTF & \quad \text{FXBA-LAN-AAA} \\
3/8" NPTF & \quad \text{FXBA-LAN-AAB} \\
SAE-4 & \quad \text{FXBA-LAN-AAH} \\
SAE-6 & \quad \text{FXBA-LAN-AAI} \\
\end{align*}

\begin{align*}
1/4" NPTF & \quad \text{FCBB-LAN-AAA} \\
3/8" NPTF & \quad \text{FCBB-LAN-AAB} \\
SAE-4 & \quad \text{FCBB-LAN-AAH} \\
SAE-6 & \quad \text{FCBB-LAN-AAI} \\
\end{align*}

\[ \text{Ports 1 and 2} \]

\[ \text{Assembly Model Code}^* \]

\begin{align*}
1/4" NPTF & \quad \text{FXCA-LAN-GAA} \\
3/8" NPTF & \quad \text{FXCA-LAN-GAB} \\
SAE-4 & \quad \text{FXCA-LAN-GAH} \\
SAE-6 & \quad \text{FXCA-LAN-GAI} \\
\end{align*}

\begin{align*}
1/4" NPTF & \quad \text{FCCB-LAN-GAA} \\
3/8" NPTF & \quad \text{FCCB-LAN-GAB} \\
SAE-4 & \quad \text{FCCB-LAN-GAH} \\
SAE-6 & \quad \text{FCCB-LAN-GAI} \\
\end{align*}

\[ \text{Ports 1 and 2} \]

\[ \text{Assembly Model Code}^* \]

\begin{align*}
1/4" NPTF & \quad \text{FXDA-LAN-DAA} \\
3/8" NPTF & \quad \text{FXDA-LAN-DAB} \\
1/2" NPTF & \quad \text{FXDA-LAN-DAC} \\
SAE-4 & \quad \text{FXDA-LAN-DAH} \\
SAE-6 & \quad \text{FXDA-LAN-DAJ} \\
SAE-8 & \quad \text{FXDA-LAN-DAK} \\
\end{align*}

\begin{align*}
1/4" NPTF & \quad \text{FCDB-LAN-DAA} \\
3/8" NPTF & \quad \text{FCDB-LAN-DAB} \\
1/2" NPTF & \quad \text{FCDB-LAN-DAC} \\
SAE-4 & \quad \text{FCDB-LAN-DAH} \\
SAE-6 & \quad \text{FCDB-LAN-DAJ} \\
SAE-8 & \quad \text{FCDB-LAN-DAK} \\
\end{align*}

\[ *Add \text{ modifier } /S \text{ to order Ductile Iron for pressure rating over 3000 psi.} \]

NOTES: Page 118 for cartridge models FX*A-*** and FC*B-*** shows performance curves, technical tips, and options. See page vii for technical information about line mount bodies including SAE flange pattern specifications. Consult your local Sun Distributor or the Sun Web Site for other port sizes available in the bodies shown above. Model Codes printed in red are Preferred Products and are readily available.
## Line Mounted Assemblies

### TWO PORT FLOW CONTROL APPLICATIONS
(90 DEGREE BODIES)

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**FIXED ORIFICE WITH REVERSE FREE FLOW CHECK**

### .2-25 GPM Cavity T-16A

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; NPTF</td>
<td>FXEA-LAN-IAD</td>
</tr>
<tr>
<td>1&quot; NPTF</td>
<td>FXEA-LAN-IAE</td>
</tr>
<tr>
<td>1 1/4&quot; NPTF</td>
<td>FXEA-LAN-IAF</td>
</tr>
<tr>
<td>SAE-12</td>
<td>FXEA-LAN-LAM</td>
</tr>
<tr>
<td>SAE-16</td>
<td>FXEA-LAN-ILAM</td>
</tr>
</tbody>
</table>

*Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

### .2-50 GPM Cavity T-18A

<table>
<thead>
<tr>
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<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; NPTF</td>
<td>FXFA-LAN-LAD</td>
</tr>
<tr>
<td>1&quot; NPTF</td>
<td>FXFA-LAN-LAE</td>
</tr>
<tr>
<td>1 1/4&quot; NPTF</td>
<td>FXFA-LAN-LAF</td>
</tr>
<tr>
<td>SAE-12</td>
<td>FXFA-LAN-LAL</td>
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<tr>
<td>SAE-16</td>
<td>FXFA-LAN-LAM</td>
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</tbody>
</table>

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### Notes:
- Page 118 for cartridge models FX*A-*** and FC*B-*** shows performance curves, technical tips, and options.
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**Mounting Hole:** .42 diameter through hole

**1/4" NPTF Gauge Port**

**L Control Max.:** 2.38 in.

**.2-50 GPM Cavity T-18A**

<table>
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<tr>
<th>Ports 1 and 2</th>
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<tr>
<td>3/4&quot; NPTF</td>
<td>FCEB-LAN-IAD</td>
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</tr>
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<td>1 1/4&quot; NPTF</td>
<td>FCEB-LAN-IAF</td>
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<td>SAE-12</td>
<td>FCEB-LAN-LAM</td>
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<td>SAE-16</td>
<td>FCEB-LAN-LAM</td>
</tr>
</tbody>
</table>

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**Mounting Hole:** .42 diameter through hole

**1/4" NPTF Gauge Port**

**L Control Max.:** 2.75 in.
**Line Mounted Assemblies**

**TWO PORT FLOW CONTROL APPLICATIONS**

**INLINE BODIES**

**FIXED ORIFICE**

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- **.1-3 GPM**
  - Ports 1 and 2: 1/4" NPTF
  - Assembly Model Code: FXBA-LAN-ACA
  - Ports 1 and 2: 3/8" NPTF
  - Assembly Model Code: FXBA-LAN-ACB
  - SAE-4: FXBA-LAN-ACH
  - SAE-6: FXBA-LAN-ACI

- **.1-6.0 GPM**
  - Ports 1 and 2: 1/4" NPTF
  - Assembly Model Code: FXCA-LAN-GCA
  - Ports 1 and 2: 3/8" NPTF
  - Assembly Model Code: FXCA-LAN-GCB
  - SAE-4: FXCA-LAN-GCH
  - SAE-6: FXCA-LAN-GCI

- **.1-12.0 GPM**
  - Ports 1 and 2: 3/8" NPTF
  - Assembly Model Code: FXDA-LAN-DCB
  - Ports 1 and 2: 1/2" NPTF
  - Assembly Model Code: FXDA-LAN-DCC
  - SAE-6: FXDA-LAN-DCI
  - SAE-8: FXDA-DLAN-DGJ
  - SAE-10: FXDA-LAN-DCK

*Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.*

- **Ports**
  - 1 and 2

- **Assembly**
  - Model Code

**Mounting Holes:**
- .28 diameter through hole.
- .34 diameter through hole.
- .42 diameter through hole.

**Notes:**
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- See page vii for technical information about line mount bodies including SAE flange pattern specifications.
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## Line Mounted Assemblies

### TWO PORT FLOW CONTROL APPLICATIONS

(INLINE INLINE 1.50”/2.00” SAE C61 FLANGE PORT BODIES)

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<tbody>
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<td>3/4” NPTF</td>
<td>FXEA-LAN-IDC</td>
</tr>
<tr>
<td>1” NPTF</td>
<td>FXEA-LAN-ICE</td>
</tr>
<tr>
<td>1 1/4” NPTF</td>
<td>FXEA-LAN-ICF</td>
</tr>
<tr>
<td>SAE-12</td>
<td>FXEA-LAN-ICL</td>
</tr>
<tr>
<td>SAE-16</td>
<td>FXEA-LAN-ICM</td>
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</tbody>
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### FIXED ORIFICE

#### .2-25 GPM

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#### .2-50 GPM

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### FIXED ORIFICE WITH REVERSE FREE FLOW CHECK

#### .2-25 GPM

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### NOTES:

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Line Mounted Assemblies

TWO PORT FLOW CONTROL APPLICATIONS
(2.00” SAE C61/C62 FLANGE PORT BODIES, 2 PORT CAVITY IN PARALLEL)

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.2-100 GPM Cavity T-18A

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<tr>
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<tbody>
<tr>
<td>2” SAE C61</td>
<td>FXFA-LAN-XZY</td>
</tr>
</tbody>
</table>

*Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

.2-100 GPM Cavity T-18A

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<tr>
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</tr>
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<tbody>
<tr>
<td>2” SAE C62</td>
<td>FXFA-LAN-VTN</td>
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