Line Mounted Assemblies

THREE PORT PRESSURE REDUCING/RELIEVING APPLICATIONS (90 DEGREE, HIGH CAPACITY PORT 3 BODIES)

PILOT OPERATED ASSEMBLIES

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

DIRECT ACTING ASSEMBLIES

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

NOTES: Page 42 for cartridge models PP*B-*** and PR*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**

**THREE PORT PRESSURE REDUCING/RELIEVING APPLICATIONS**

(90 DEGREE, HIGH CAPACITY PORT 3 BODIES)

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

**PILOT OPERATED ASSEMBLIES**

![Diagram of Pilot Operated Assemblies]

**DIRECT ACTING ASSEMBLIES**

![Diagram of Direct Acting Assemblies]

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

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; NPTF</td>
<td>3/4&quot; NPTF</td>
<td>PPHB-LAN-HEE</td>
</tr>
<tr>
<td>1 1/4&quot; NPTF</td>
<td>3/4&quot; NPTF</td>
<td>PPHB-LAN-HEF</td>
</tr>
<tr>
<td>SAE-12</td>
<td>SAE-12</td>
<td>PPHB-LAN-HEL</td>
</tr>
<tr>
<td>SAE-16</td>
<td>SAE-12</td>
<td>PPHB-LAN-HEM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; NPTF</td>
<td>1&quot; NPTF</td>
<td>PRJB-LAN-KEE</td>
</tr>
<tr>
<td>1 1/4&quot; NPTF</td>
<td>1&quot; NPTF</td>
<td>PRJB-LAN-KEF</td>
</tr>
<tr>
<td>SAE-16</td>
<td>SAE-16</td>
<td>PRJB-LAN-KEM</td>
</tr>
<tr>
<td>SAE-20</td>
<td>SAE-16</td>
<td>PRJB-LAN-KEN</td>
</tr>
</tbody>
</table>

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

**0-40 GPM Cavity T-17A**

Mounting Holes: #2 diameter through hole, 2 places.

**0-80 GPM Cavity T-19A**

Mounting Holes: #2 diameter through hole, 2 places.

NOTES: Page 42 for cartridge models PP*B-*** and PR*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

THREE PORT PRESSURE REDUCING/RELIEVING APPLICATIONS
(90 DEGREE, 1.50” SAE C61/C62 FLANGE PORT BODIES, HIGH CAPACITY PORT 3)

PILOT OPERATED ASSEMBLIES

<table>
<thead>
<tr>
<th>Parts (1, 2, and 3)</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPJB-LAN-KER</td>
<td></td>
</tr>
<tr>
<td>1 1/2” SAE C61</td>
<td></td>
</tr>
</tbody>
</table>

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

DIRECT ACTING ASSEMBLIES

<table>
<thead>
<tr>
<th>Parts (1, 2, and 3)</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRJB-LAN-KER</td>
<td></td>
</tr>
<tr>
<td>1 1/2” SAE C61</td>
<td></td>
</tr>
</tbody>
</table>

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

PORTS 1, 2, AND 3

- 1/4 NPTF Gauge Port
- Mounting Holes: (opposite side) .375-16 UNC-2B x .62 deep, 2 places.
- 1/4 NPTF Gauge Port
- Mounting Holes: (opposite side) .375-16 UNC-2B x .62 deep, 2 places.

NOTES: Page 42 for cartridge models PP*B-*** and PR*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.

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

THREE PORT PRESSURE REDUCING/RELIEVING APPLICATIONS
(BODIES WITH REVERSE FREE FLOW CHECK)

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

DIRECT ACTING ASSEMBLIES

0-10 GPM Cavity T-11A

Mounting Holes: 3.40 diameter through hole, 2 places.

Parts 1 and 2  Part 3  Assembly Model Code
3/8" NPTF  3/8" NPTF  PPDB-LAN-E4B
1/2" NPTF  3/8" NPTF  PPDB-LAN-E4C
SAE-6  SAE-6  PPDB-LAN-E4I
SAE-10  SAE-8  PPDB-LAN-E4K

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

0-20 GPM Cavity T-2A

Mounting Holes: 4.20 diameter through hole, 2 places.

Parts 1 and 2  Part 3  Assembly Model Code
1/2" NPTF  1/2" NPTF  PPFB-LAN-B4C
3/4" NPTF  1/2" NPTF  PPFB-LAN-B4D
SAE-8  SAE-8  PPFB-LAN-B4J
SAE-10  SAE-10  PPFB-LAN-B4K

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

PILOT OPERATED ASSEMBLIES

0-10 GPM Cavity T-11A

Mounting Holes: 

Parts 1 and 2  Part 3  Assembly Model Code
3/8" NPTF  3/8" NPTF  PPDB-LAN-E4B
1/2" NPTF  3/8" NPTF  PPDB-LAN-E4C
SAE-6  SAE-6  PPDB-LAN-E4I
SAE-10  SAE-8  PPDB-LAN-E4K

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

0-20 GPM Cavity T-2A

Mounting Holes: 

Parts 1 and 2  Part 3  Assembly Model Code
1/2" NPTF  1/2" NPTF  PPFB-LAN-B4C
3/4" NPTF  1/2" NPTF  PPFB-LAN-B4D
SAE-8  SAE-8  PPFB-LAN-B4J
SAE-10  SAE-10  PPFB-LAN-B4K

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

NOTES: Page 42 for cartridge models PP*B-*** and PR*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.
# THREE PORT PRESSURE REDUCING/RELIEVING APPLICATIONS
(BODIES WITH REVERSE FREE FLOW CHECK, HIGH CAPACITY PORT 3)

## PILOT OPERATED ASSEMBLIES

![Diagram of Pilot Operated Assembly](image)

<table>
<thead>
<tr>
<th>Ports</th>
<th>Part 1</th>
<th>Part 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; NPTF</td>
<td>3/4&quot; NPTF</td>
<td>PPHB-LAN-H4E</td>
<td></td>
</tr>
<tr>
<td>1 1/4&quot; NPTF</td>
<td>3/4&quot; NPTF</td>
<td>PPHB-LAN-H4F</td>
<td></td>
</tr>
<tr>
<td>SAE-12</td>
<td>SAE-12</td>
<td>PPHB-LAN-H4L</td>
<td></td>
</tr>
<tr>
<td>SAE-16</td>
<td>SAE-12</td>
<td>PPHB-LAN-H4M</td>
<td></td>
</tr>
</tbody>
</table>

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

## DIRECT ACTING ASSEMBLIES

![Diagram of Direct Acting Assembly](image)

<table>
<thead>
<tr>
<th>Ports</th>
<th>Part 1</th>
<th>Part 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; NPTF</td>
<td>3/4&quot; NPTF</td>
<td>PRHB-LAN-H4E</td>
<td></td>
</tr>
<tr>
<td>1 1/4&quot; NPTF</td>
<td>3/4&quot; NPTF</td>
<td>PRHB-LAN-H4F</td>
<td></td>
</tr>
<tr>
<td>SAE-12</td>
<td>SAE-12</td>
<td>PRHB-LAN-H4L</td>
<td></td>
</tr>
<tr>
<td>SAE-16</td>
<td>SAE-12</td>
<td>PRHB-LAN-H4M</td>
<td></td>
</tr>
</tbody>
</table>

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

### NOTES:
- Page 42 for cartridge models PP*B-*** and PR*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.