Line Mounted Assemblies

THREE PORT LOAD CONTROL APPLICATIONS
(90 DEGREE BODIES)

PILOT RATIO
3:1, 1.5:1, 2:1

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

PILOT RATIO
2.3:1, 4.5:1, 10:1

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

0-15 GPM Cavity T-11A

Mounting Holes: .34 diameter through hole 2 places.

0-30 GPM Cavity T-2A

Mounting Holes: .42 diameter through hole 2 places.

NOTES: Page 50 for cartridge models CB**,*** 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 LOAD CONTROL APPLICATIONS
(90 DEGREE BODIES)

PILOT RATIO
3:1, 1.5:1, 2:1

PILOT RATIO
2:1, 4:1, 10:1

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

0-60 GPM Cavity T-17A

0-120 GPM Cavity T-19A

NOTES: Page 50 for cartridge models CB**-*** 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.
**Three Port Load Control Applications**

(90 Degree 2.00” C61/C62 Flange Port Bodies, 2 Cavities)

### PILOT RATIO

- **3:1, 1.5:1, 2:1**
- **2.3:1, 4.5:1, 10:1**

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

### Ports 1 and 2

<table>
<thead>
<tr>
<th>Model Code*</th>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2” SAE C61 SAE-6</td>
<td>CBI*-LHN-XZZ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2” SAE C62 SAE-6</td>
<td>CBI*-LHN-Z8Z</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

### 0-240 GPM Cavity T-11A

![Diagram of Cavity T-11A]

### 0-240 GPM Cavity T-19A

![Diagram of Cavity T-19A]

### NOTES:

Page 50 for cartridge models CB**,*** 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.
Line Mounted Assemblies

THREE PORT LOAD CONTROL APPLICATIONS
(INLINE BODIES)

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

PILOT RATIO
3:1, 1.5:1, 2:1

0-15 GPM Cavity T-11A

Port 1 and 2 Port 3 Assembly Model Code*
3/8” NPTF 1/4” NPTF CBC*-LHN-EJB
SAE-6 SAE-6 CBC*-LHN-EJI

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

0-30 GPM Cavity T-2A

Port 1 and 2 Port 3 Assembly Model Code*
1/2” NPTF 1/4” NPTF CBE*-LHN-BVC
3/4” NPTF 1/4” NPTF CBE*-LHN-BVD
SAE-6 SAE-6 CBE*-LHN-BVI
SAE-8 SAE-6 CBE*-LHN-BVJ

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

0-60 GPM Cavity T-17A

Port 1 and 2 Port 3 Assembly Model Code*
3/4” NPTF 1/4” NPTF CBG*-LHN-HDD
1” NPTF 1/4” NPTF CBG*-LHN-HDE
SAE-12 SAE-6 CBG*-LHN-HDL
SAE-16 SAE-6 CBG*-LHN-HDM

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

NOTES: Page 50 for cartridge models CB**-*** 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.

US Selected Assemblies Catalogue #999-901-192
### THREE PORT LOAD CONTROL APPLICATIONS

#### PILOT RATIO

| 3:1, 1.5:1, 2:1 |

#### PILOT RATIO

| 2:3:1, 4:5:1, 10:1 |

#### Notes:

- **THREE PORT COUNTERBALANCE**

- Go to [www.sunhydraulics.com](http://www.sunhydraulics.com) for more product information and pricing.

- The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by the customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

- **NOTES:** Page 50 for cartridge models CB**, *** 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 LOAD CONTROL APPLICATIONS
(90 DEGREE 1.50” SAE FLANGE PORT C61/C62 BODIES WITH SHUTTLE)

**PILOT RATIO**
3:1, 1.5:1, 2:1

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

**PILOT RATIO**
2.3:1, 4.5:1, 10:1

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

**NOTES:** Page 50 for cartridge models CB**-*** 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.
## Line Mounted Assemblies

### THREE PORT LOAD CONTROL APPLICATIONS

(90 DEGREE CROSS-PILOTED BODIES, 2 CAVITIES)

**PILOT RATIO**
- 3:1, 1.5:1, 2:1
- 2.3:1, 4.5:1, 10:1

**Go to** [www.sunhydraulics.com](http://www.sunhydraulics.com)
for more product information and pricing.

#### 0-15 GPM Cavity T-11A

**Mounting Holes:** 34 diameter through hole, 2 places.

<table>
<thead>
<tr>
<th>Ports</th>
<th>Assembly Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CBC*-LHN-YEB</td>
</tr>
<tr>
<td>3/8&quot; NPTF</td>
<td>CBE*-LHN-YAB</td>
</tr>
<tr>
<td>1/2&quot; NPTF</td>
<td>CBE*-LHN-YAC</td>
</tr>
<tr>
<td>SAE-10</td>
<td>CBE*-LHN-YAD</td>
</tr>
<tr>
<td>SAE-12</td>
<td>CBE*-LHN-YAL</td>
</tr>
</tbody>
</table>

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

#### 0-30 GPM Cavity T-2A

**Mounting Holes:** 42 diameter through hole, 2 places.

<table>
<thead>
<tr>
<th>Ports</th>
<th>Assembly Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CBC*-LHN-YEB</td>
</tr>
<tr>
<td>3/8&quot; NPTF</td>
<td>CBE*-LHN-YAB</td>
</tr>
<tr>
<td>1/2&quot; NPTF</td>
<td>CBE*-LHN-YAC</td>
</tr>
<tr>
<td>3/4&quot; NPTF</td>
<td>CBE*-LHN-YAD</td>
</tr>
<tr>
<td>SAE-10</td>
<td>CBE*-LHN-YAK</td>
</tr>
<tr>
<td>SAE-12</td>
<td>CBE*-LHN-YAL</td>
</tr>
</tbody>
</table>

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

**NOTES:**
- Page 50 for cartridge models CB**-*** 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 LOAD CONTROL APPLICATIONS
(90° DEGREE CROSS-PILOTEED, 1.50” SAE C61/C62 FLANGE PORT BODIES, 2 CAVITIES)

### 0-60 GPM Cavity T-17A

<table>
<thead>
<tr>
<th>Ports</th>
<th>Assembly Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CBG*-LHN-YJE</td>
</tr>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CBG*-LHN-YJF</td>
</tr>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CBG*-LHN-YJL</td>
</tr>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CBG*-LHN-YJM</td>
</tr>
</tbody>
</table>

### 0-120 GPM Cavity T-19A

<table>
<thead>
<tr>
<th>Ports</th>
<th>Assembly Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CBG*-LHN-YM6</td>
</tr>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CBG*-LHN-YMR</td>
</tr>
</tbody>
</table>

### PILOT RATIO
3:1, 1.5:1, 2:1

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

### PILOT RATIO
2.3:1, 4.5:1, 10:1

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

**NOTES:**
- Page 50 for cartridge models CB**-*** 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.

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*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.*
### THREE PORT LOAD CONTROL APPLICATIONS

**Line Mounted Assemblies**

**INLINE/INLINE CROSS-PILOTED, 1.50" SAE C61 FLANGE PORT BODIES, 2 CAVITIES**

**Pilot Ratio**

- 3:1, 1.5:1, 2:1
- 2.3:1, 4.5:1, 10:1

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

#### PILOT RATIO

- 3:1, 1.5:1, 2:1
- 2.3:1, 4.5:1, 10:1

---

#### 0-15 GPM Cavity T-11A

<table>
<thead>
<tr>
<th>Ports</th>
<th>C1, C2, V1 &amp; V2</th>
<th>Assembly</th>
<th>Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPTF</td>
<td>CBC*-LHN-XVG</td>
<td>SAE-6</td>
<td>CBC*-LHN-XVH</td>
</tr>
<tr>
<td>SAE-8</td>
<td>CBC*-LHN-XVH</td>
<td>SAE-6</td>
<td>CBC*-LHN-XVH</td>
</tr>
</tbody>
</table>

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

---

#### 0-30 GPM Cavity T-2A

<table>
<thead>
<tr>
<th>Ports</th>
<th>C1, C2, V1 &amp; V2</th>
<th>Assembly</th>
<th>Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE-10</td>
<td>CBE*-LHN-XAL</td>
<td>SAE-12</td>
<td>CBE*-LHN-XAK</td>
</tr>
</tbody>
</table>

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

---

#### 0-60 GPM Cavity T-17A

<table>
<thead>
<tr>
<th>Ports</th>
<th>C1, C2, V1 &amp; V2</th>
<th>Assembly</th>
<th>Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE-16</td>
<td>CBG*-LHN-XJM</td>
<td>SAE-20</td>
<td>CBG*-LHN-XJL</td>
</tr>
</tbody>
</table>

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

---

#### 0-120 GPM Cavity T-19A

<table>
<thead>
<tr>
<th>Ports</th>
<th>C1, C2, V1 &amp; V2</th>
<th>Assembly</th>
<th>Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.25&quot; SAE C61</td>
<td>CBI-LHN-XZP</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

---

**NOTES:** Page 50 for cartridge models CBI***,*** 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.
# THREE PORT LOAD CONTROL APPLICATIONS

## THREE PORT COUNTERBALANCE ASSEMBLIES

**Pilot Ratio**
3:1, 1.5:1, 2:1

**3/8" NPT**
- **Model Code**: CBC*-LHN-YGB
- **Ports**: C1, C2, V1 & V2

**1/2" NPT**
- **Model Code**: CBC*-LHN-YGC
- **Ports**: C1, C2, V1 & V2

**SAE-6**
- **Model Code**: CBC*-LHN-YGI
- **Ports**: C1, C2, V1 & V2

**SAE-8**
- **Model Code**: CBC*-LHN-YGJ
- **Ports**: C1, C2, V1 & V2

**SAE-10**
- **Model Code**: CBC*-LHN-YGK
- **Ports**: C1, C2, V1 & V2

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

**0-15 GPM**

**Cavity T-11A**

**0-30 GPM**

**Cavity T-2A**

**0-60 GPM**

**Cavity T-17A**

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

**NOTES:** Page 50 for cartridge models CB***-*** 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 LOAD CONTROL APPLICATIONS

(CROSS-PILOTED 1.50” SAE C61/C62 FLANGE PORT BODIES WITH SHUTTLE, 2 CAVITIES)

#### PILOT RATIO

3:1, 1.5:1, 2:1

Go to [www.sunhydraulics.com](http://www.sunhydraulics.com) for more product information and pricing.

#### PILOT RATIO

2.3:1, 4.5:1, 10:1

#### Ports

<table>
<thead>
<tr>
<th>C1, C2, V1, V2</th>
<th>S Port</th>
<th>Assembly</th>
<th>Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2” SAE C61</td>
<td>SAE-4</td>
<td>CB1*-LHN-YNR</td>
<td></td>
</tr>
<tr>
<td>1 1/2” SAE C62</td>
<td>SAE-4</td>
<td>CB1*-LHN-YN6</td>
<td></td>
</tr>
</tbody>
</table>

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

### NOTES:

Page 50 for cartridge models CB**-*** 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.
Line Mounted Assemblies

THREE PORT LOAD CONTROL APPLICATIONS (INLINE CROSS-PILOTED BODIES WITH SHUTTLE, 2 CAVITIES)

PILOT RATIO 3:1, 1.5:1, 2:1

0-15 GPM Cavity T-11A

<table>
<thead>
<tr>
<th>Parts</th>
<th>Shuttle Port</th>
<th>Assembly Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8 NPTF</td>
<td>SAE-4</td>
<td>CBC*-LHN-XGB</td>
</tr>
<tr>
<td>1/2 NPTF</td>
<td>SAE-4</td>
<td>CBC*-LHN-XGI</td>
</tr>
<tr>
<td>3/4 NPTF</td>
<td>SAE-4</td>
<td>CBC*-LHN-XJL</td>
</tr>
</tbody>
</table>

Pilot Ratio: 3/4

The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

0-30 GPM Cavity T-22A

<table>
<thead>
<tr>
<th>Parts</th>
<th>Shuttle Port</th>
<th>Assembly Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 NPTF</td>
<td>SAE-4</td>
<td>CBE*-LHN-XHD</td>
</tr>
<tr>
<td>3/4 NPTF</td>
<td>SAE-4</td>
<td>CBE*-LHN-XHG</td>
</tr>
</tbody>
</table>

Pilot Ratio: 3/4

The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

0-60 GPM Cavity T-17A

<table>
<thead>
<tr>
<th>Parts</th>
<th>Shuttle Port</th>
<th>Assembly Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 NPTF</td>
<td>SAE-4</td>
<td>CBE*-LHN-XKD</td>
</tr>
<tr>
<td>1” NPTF</td>
<td>SAE-4</td>
<td>CBE*-LHN-XJE</td>
</tr>
</tbody>
</table>

Pilot Ratio: 3/4

The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

0-120 GPM Cavity T-19A

<table>
<thead>
<tr>
<th>Parts</th>
<th>Shuttle Port</th>
<th>Assembly Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2” O61</td>
<td>SAE-4</td>
<td>CBE*-LHN-XZQ</td>
</tr>
</tbody>
</table>

Pilot Ratio: 3/4

The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

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

PILOT RATIO 2:3:1, 4:5:1, 10:1

NOTES: Page 50 for cartridge models CB**-*** 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.

US Selected Assemblies Catalogue #999-901-192 63
The direct mounted SAE flange port bodies provide the opportunity to mount load control valves directly onto the ports of an actuator.

### THREE PORT LOAD CONTROL APPLICATIONS

**DIRECT MOUNT .75”/1.00”/1.25” SAE C61 FLANGE PORT BODIES, THROUGH PILOT**

Go to [www.sunhydraulics.com](http://www.sunhydraulics.com) for more product information and pricing.

**PILOT RATIO**

- 3:1, 1.5:1, 2:1
- 2.3:1, 4.5:1, 10:1

### NOTES:

- Page 50 for cartridge models CB**,*** 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.

---

**PILOT RATIO**

- 3:1, 1.5:1, 2:1
- 2.3:1, 4.5:1, 10:1

### THREE PORT COUNTERBALANCE

**0-30 GPM Cavity T-2A**

**Ports 1 and 2**

- 3/4” SAE C61 SAE-6 CBE*-LHN-ZNV

**Assembly Model Code**

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

**0-30 GPM Cavity T-17A**

**Ports 1 and 2**

- 1” SAE C61 SAE-6 CBG*-LHN-ZNW

**Assembly Model Code**

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

**0-60 GPM Cavity T-19A**

**Ports 1 and 2**

- 1 1/4 SAE C61 SAE-6 CBG*-LHN-ZNX

**Assembly Model Code**

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

---

**PILOT RATIO**

- 3:1, 1.5:1, 2:1
- 2.3:1, 4.5:1, 10:1

### THREE PORT COUNTERBALANCE

**0-30 GPM Cavity T-2A**

**Ports 1 and 2**

- 3/4” SAE C61 SAE-6 CBE*-LHN-ZNV

**Assembly Model Code**

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

**0-30 GPM Cavity T-17A**

**Ports 1 and 2**

- 1” SAE C61 SAE-6 CBG*-LHN-ZNW

**Assembly Model Code**

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

**0-60 GPM Cavity T-19A**

**Ports 1 and 2**

- 1 1/4 SAE C61 SAE-6 CBG*-LHN-ZNX

**Assembly Model Code**

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

---

**PILOT RATIO**

- 3:1, 1.5:1, 2:1
- 2.3:1, 4.5:1, 10:1
Line Mounted Assemblies

THREE PORT LOAD CONTROL APPLICATIONS
(DIRECT MOUNT .75”/1.00”/1.25” SAE C62 FLANGE BODIES, THROUGH PILOT)

The direct mounted SAE flange port bodies provide the opportunity to mount load control valves directly onto the ports of an actuator.

PILOT RATIO
3:1, 1.5:1, 2:1

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

PILOT RATIO
2.3:1, 4.5:1, 10:1

*The asterisk (*) shown in the fourth digit of the model code indicates the counterbalance pilot ratio of the cartridge and must be specified by customer. See page 50. Add modifier /S to order Ductile Iron for pressure rating over 3000 psi.

NOTES: Page 50 for cartridge models CB**-*** 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 LOAD CONTROL APPLICATIONS
(GASKET MOUNT BODIES)

These compact gasket-mounted bodies provide the opportunity to mount load control valves directly onto the ports of an actuator.

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

**PILOT RATIO** 3:1, 1.5:1, 2:1

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**PARTS** C2, V1 & V2

**Model Code**

<table>
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<tr>
<th>C2 Diameter</th>
<th>C1 Material</th>
</tr>
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<tbody>
<tr>
<td>3/8&quot; NPTF</td>
<td>CBC-LHN-ZTN</td>
</tr>
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<td>SAE-6</td>
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<td>1/2&quot; NPTF</td>
<td>CBE-LHN-ZTF</td>
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<td>SAE-8</td>
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**PILOT RATIO** 2.3:1, 4.5:1, 10:1

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**NOTES:** Page 50 for cartridge models CB**,*** 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.
The gasket-mounted bodies provide the opportunity to mount load control valves directly onto the ports of an actuator.

### THREE PORT LOAD CONTROL APPLICATIONS (GASKET MOUNT BODIES, 2 CAVITIES)

**PILOT RATIO**
- 3:1, 1.5:1
- 2.3:1, 4.5:1, 10:1

Go to [www.sunhydraulics.com](http://www.sunhydraulics.com) for more product information and pricing.

#### 0-15 GPM Cavity T-11A
- Ports: C2, V1 & V2
- Assembly Model Code:
  - 3/8" NPTF: CBC*-LHN-YVM
  - SAE-6: CBC*-LHN-YYY

Mounting Holes: .34 diameter through hole, counterbore .59 diameter x .25 deep. 2 places.

**PILOT RATIO**
- 2.3:1, 4.5:1, 10:1
- 3/8" NPTF: CBC*-LHN-YVM
- SAE-6: CBC*-LHN-YYY

#### 0-30 GPM Cavity T-2A
- Ports: C2, V1 & V2
- Assembly Model Code:
  - 1/2" NPTF: CBE*-LHN-YYW
  - SAE-8: CBE*-LHN-YYV

Mounting Holes: .41 diameter through hole, counterbore .59 diameter x .25 deep. 2 places.

**PILOT RATIO**
- 2.3:1, 4.5:1, 10:1
- 1/2" NPTF: CBE*-LHN-YYW
- SAE-8: CBE*-LHN-YYV

#### 0-60 GPM Cavity T-17A
- Ports: C2, V1 & V2
- Assembly Model Code:
  - 3/4" NPTF: CBG*-LHN-YVT
  - SAE-12: CBG*-LHN-YYS

Mounting Holes: (opposite side) .53 diameter through hole, counterbore .78 diameter x .44 deep. 2 places.

**PILOT RATIO**
- 2.3:1, 4.5:1, 10:1
- 3/4" NPTF: CBG*-LHN-YYT
- SAE-12: CBG*-LHN-YYS

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