Line Mounted Assemblies

THREE PORT PILOT-TO-OPEN CHECK APPLICATIONS
(90 DEGREE BODIES)

PILOT OPERATED ASSEMBLIES

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

0-30 L/min. Cavity T-163A

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKBB-XCN-JCT</td>
</tr>
<tr>
<td>3/8&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKBB-XCN-JCU</td>
</tr>
</tbody>
</table>

Mounting Holes: 7.1 diameter through hole 2 pieces.

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

0-60 L/min. Cavity T-11A

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKCB-XCN-ECU</td>
</tr>
<tr>
<td>1/2&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKCB-XCN-ECV</td>
</tr>
</tbody>
</table>

Mounting Holes: 8.6 diameter through hole 2 pieces.

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

0-120 L/min. Cavity T-2A

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKEB-XCN-BCV</td>
</tr>
<tr>
<td>3/4&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKEB-XCN-BCW</td>
</tr>
</tbody>
</table>

Mounting Holes: 10.7 diameter through hole 2 pieces.

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

NOTES: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options. See page vii for technical information about line mount bodies including SAE flange pattern specifications. Consult the Sun Factory 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 PILOT-TO-OPEN CHECK APPLICATIONS
(90 DEGREE BODIES)

Pilot Operated Assemblies

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

*Add modifier /S to order SG Iron for pressure rating over 210 bar.*

---

### 0-240 L/min. Cavity T-17A

**Ports** 1 and 2  Port 3  **Assembly Model Code**

<table>
<thead>
<tr>
<th>Size</th>
<th>BSPP</th>
<th>BSPP</th>
<th>Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>1/4”</td>
<td></td>
<td>CKGB-XCN-HCX</td>
</tr>
<tr>
<td>1 1/4”</td>
<td>1/4”</td>
<td></td>
<td>CKGB-XCN-HCY</td>
</tr>
</tbody>
</table>

**Mounting Holes:** 10.7 diameter through hole 2 places.

### 0-480 L/min. Cavity T-19A

**Ports** 1 and 2  Port 3  **Assembly Model Code**

<table>
<thead>
<tr>
<th>Size</th>
<th>BSPP</th>
<th>BSPP</th>
<th>Model Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>1/4”</td>
<td></td>
<td>CKIB-XCN-KCX</td>
</tr>
<tr>
<td>1 1/4”</td>
<td>1/4”</td>
<td></td>
<td>CKIB-XCN-KCY</td>
</tr>
</tbody>
</table>

**Mounting Holes:** 10.7 diameter through hole 2 places.

---

**NOTES:** Page 78 for cartridge model CK**B**-*** shows performance curves, technical tips, and options. See page vii for technical information about line mount bodies including SAE flange pattern specifications. Consult the Sun Factory for other port sizes available in the bodies shown above. Model Codes printed in red are Preferred Products and are readily available.

---

UK Selected Assemblies Catalogue #999-901-191
Line Mounted Assemblies

THREE PORT PILOT-TO-OPEN CHECK APPLICATIONS
(INLINE BODIES)

PILOT OPERATED ASSEMBLIES
Go to www.sunhydraulics.com for more product information.

0-30 L/min. Cavity T-163A

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKBB-XCN-JJIT</td>
</tr>
<tr>
<td>3/8&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKBB-XCN-JJU</td>
</tr>
</tbody>
</table>

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

0-60 L/min. Cavity T-11A

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKCB-XCN-EJU</td>
</tr>
<tr>
<td>1/2&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKCB-XCN-EJV</td>
</tr>
</tbody>
</table>

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

NOTES: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options. See page vii for technical information about line mount bodies including SAE flange pattern specifications. Consult the Sun Factory 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 PILOT-TO-OPEN CHECK APPLICATIONS (INLINE BODIES)

PILOT OPERATED ASSEMBLIES

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

0-120 L/min. Cavity T-2A

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKEB-XCN-BVV</td>
</tr>
<tr>
<td>3/4&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKEB-XCN-BVW</td>
</tr>
</tbody>
</table>

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

0-240 L/min. Cavity T-17A

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKGB-XCN-HDW</td>
</tr>
<tr>
<td>1&quot; BSPP</td>
<td>1/4&quot; BSPP</td>
<td>CKGB-XCN-HDX</td>
</tr>
</tbody>
</table>

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

NOTES: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options. See page vii for technical information about line mount bodies including SAE flange pattern specifications. Consult the Sun Factory 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 PILOT-TO-OPEN CHECK APPLICATIONS
(90 DEGREE 2.00” SAE C61/C62 FLANGE PORT BODIES, 2 CAVITIES)

PILOT OPERATED ASSEMBLIES

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

- Add modifier /T to order SG Iron for pressure rating over 210 bar.

NOTES: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options. See page vii for technical information about line mount bodies including SAE flange pattern specifications. Consult the Sun Factory for other port sizes available in the bodies shown above.
### THREE PORT PILOT-TO-OPEN CHECK APPLICATIONS

(90 DEGREE CROSS-PILOTED BODIES, 2 CAVITIES)

#### PILOT OPERATED ASSEMBLIES

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

#### Line Mounted Assemblies

**THREE PORT PILOT-TO-OPEN CHECK APPLICATIONS**

#### 0-30 L/min. Cavity T-163A

- **Ports**: C1, C2, V1 & V2
- **Assembly Model Code**: CKBB-XCN-JYT
- **Ports**
  - C1
  - C2
  - V1
  - V2
- **Model Code**: CKBB-XCN-JYT

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

#### 0-60 L/min. Cavity T-11A

- **Ports**: C1, C2, V1 & V2
- **Assembly Model Code**: CKCB-XCN-YEU
- **Ports**
  - C1
  - C2
  - V1
  - V2
- **Assembly Model Code**: CKCB-XCN-YEV

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

---

**NOTES:** Page 78 for cartridge model CK*H-*** shows performance curves, technical tips, and options.

See page vii for technical information about line mount bodies including SAE flange pattern specifications.

Consult the Sun Factory 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 PILOT-TO-OPEN CHECK APPLICATIONS
(90 DEGREE CROSS-PILOTED BODIES, 2 CAVITIES)

PILOT OPERATED ASSEMBLIES

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

0-120 L/min. Cavity T-2A

Ports
C1, C2, V1 & V2

Assembly Model Code*

1/2" BSPP CKEB-XCN-YAH

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

C1 C2

V1 V2

L Control
52.2 Max.

Mounting Holes:
10.7 diameter through hole,
2 places.

0 12.7 44.5 82.5

38.0

0 12.7

19.0

C1 C2

V1 V2

L Control
52.2 Max.

Mounting Holes:
10.7 diameter through hole,
2 places.

0 12.7 44.5 82.5

38.0

0 12.7

19.0

0-120 L/min. Cavity T-2A

Ports
C1, C2, V1 & V2

Assembly Model Code*

3/4" BSPP CKEB-XCN-YAW

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

C1 C2

V1 V2

Mounting Holes:
10.7 diameter through hole,
2 places.

0 12.7 50.8 89.0

50.0

0 12.7

25.4

0

NOTES: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options.
See page vii for technical information about line mount bodies including SAE Flange pattern specifications.
Consult the Sun Factory 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 PILOT-TO-OPEN CHECK APPLICATIONS
(90 DEGREE CROSS-PILOTED BODIES, 2 CAVITIES)

PILOT OPERATED
ASSEMBLIES

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

0-240 L/min. Cavity T-17A

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

0-480 L/min. Cavity T-19A

*Add modifier /T to order SG Iron for pressure rating over 210 bar.

NOTES: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options.
See page vii for technical information about line mount bodies including SAE flange pattern specifications.
Consult the Sun Factory 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 PILOT-TO-OPEN CHECK APPLICATIONS
(inline cross-piloted bodies, 2 cavities)

**PILOT OPERATED ASSEMBLIES**

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

#### 0-60 L/min. Cavity T-11A

<table>
<thead>
<tr>
<th>Ports</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CKCB-XCN-XEU</td>
</tr>
</tbody>
</table>

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

#### 0-120 L/min. Cavity T-2A

<table>
<thead>
<tr>
<th>Ports</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1, C2, V1 &amp; V2</td>
<td>CKEB-XCN-XAW</td>
</tr>
</tbody>
</table>

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

### NOTES:
- Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options.
- See page vii for technical information about line mount bodies including SAE flange pattern specifications.
- Consult the Sun Factory 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 PILOT-TO-OPEN CHECK APPLICATIONS
(DIRECT MOUNT .75”/1.00”/1.25” SAE C61 FLANGE PORT/GASKET MOUNT BODIES, THROUGH PILOT PORT)

PILOT OPERATED ASSEMBLIES

<table>
<thead>
<tr>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
<th>Ports 1 and 2</th>
<th>Port 3</th>
<th>Assembly Model Code*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; SAE C61</td>
<td>1/4&quot; BSPP</td>
<td>CKEB-XCN-ZNV/M</td>
<td>1&quot; SAE CN1</td>
<td>1/4&quot; BSPP</td>
<td>CKGB-XCN-ZNW/M</td>
<td>1 1/4&quot; SAE CN1</td>
<td>1/4&quot; BSPP</td>
<td>CKIB-XCN-ZNX/M</td>
</tr>
</tbody>
</table>

*Add modifier /T to order SG Iron for pressure rating over 210 bar.

NOTES: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options.

See page vii for technical information about line mount bodies including SAE flange pattern specifications.

Consult the Sun Factory for other port sizes available in the bodies shown above.
Line Mounted Assemblies

THREE PORT PILOT-TO-OPEN CHECK APPLICATIONS
(DIRECT MOUNT .75”/1.00”/1.25” C62 FLANGE PORT/GASKET MOUNT BODIES, THROUGH PILOT/DRAIN PORT)

PILOT OPERATED ASSEMBLIES

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

0-120 L/min. Cavity T-2A

0-240 L/min. Cavity T-17A

0-480 L/min. Cavity T-19A

NOTES: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options. See page vii for technical information about line mount bodies including SAE flange pattern specifications. Consult the Sun Factory for other port sizes available in the bodies shown above.
Line Mounted Assemblies

THREE PORT PILOT-TO-OPEN CHECK APPLICATIONS
(GASKET MOUNT BODIES)

PILOT OPERATED ASSEMBLIES

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

0-60 L/min. Cavity T-11A

Mounting Holes: 8.6 diameter through hole, counterbore 10.7 diameter x 6.4 deep, 2 places.

0-120 L/min. Cavity T-2A

Mounting Holes: 10.4 diameter through hole, 2 places.

0-240 L/min. Cavity T-17A

Mounting Holes: 13.5 diameter through hole, counterbore 19.8 diameter x 11.2 deep, 2 places.

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

Notes:
Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options.
See page vii for technical information about line mount bodies including SAE flange pattern specifications.
Consult the Sun Factory for other port sizes available in the bodies shown above.
Model Codes printed in red are Preferred Products and are readily available.
Three Port Pilot-to-Open Check Applications
(Gasket Mount Bodies, 2 Cavities)

Pilot Operated Assemblies

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

0-60 L/min. Cavity T-11A

Mounting Holes: (opposite side)
8.6 diameter through hole, counterbore 12.7 diameter
6.4 deep, 2 places.

Assembly Model Code

CKCB-XCN-YVX

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

0-120 L/min. Cavity T-2A

Mounting Holes: 10.4 diameter through hole.
2 places.

Assembly Model Code

CKEB-XCN-YVE

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

0-240 L/min. Cavity T-17A

Mounting Holes: (opposite side)
11.3 diameter through hole, counterbore 19.8 diameter
8.11 deep, 2 places.

Assembly Model Code

CKGB-XCN-YVR

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

Notes: Page 78 for cartridge model CK*B-*** shows performance curves, technical tips, and options. See page vii for technical information about line mount bodies including SAE flange pattern specifications. Consult for other port sizes available in the bodies shown above.