ISO 03 SANDWICH BODIES

- Aluminum rated to 3000 psi and Ductile Iron rated to 5000 psi.
- See page viii for ordering cartridge/body and seals. Pressure ratings, material specifications on page xiv.

FUNCTION

Pilot Choke

Circuit Savers

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>YNAA–LDN–AA</td>
<td></td>
<td>YNAA–LDN–AA/S</td>
<td></td>
</tr>
</tbody>
</table>
**ISO 03 SANDWICH BODIES**

- Aluminum rated to 3000 psi and Ductile Iron rated to 5000 psi.
- See page viii for ordering cartridge/body and seals. Pressure ratings, material specifications on page xiv.

### Circuit Savers

**FUNCTION**

- **Shuttle**
  - A and B
  - Output External

### TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE

<table>
<thead>
<tr>
<th>Cartridge Type</th>
<th>Cartridge Code</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Port Shuttle Valve, Signal External</td>
<td>2</td>
<td>CSAA Page 10.09 (use with GBS)</td>
</tr>
<tr>
<td>3 Port Back-to-Back Check Valve, Signal at Port 3</td>
<td>3</td>
<td>CDAB Page 10.10 (use with EBS)</td>
</tr>
</tbody>
</table>

### ALUMINUM

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBS</td>
<td></td>
</tr>
</tbody>
</table>

### DUCTILE IRON

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBS/S</td>
<td></td>
</tr>
</tbody>
</table>

### T–13A Cavity

- Locating Shoulder Depth: .09
- (4) – 012 O–rings

### T–11A Cavity

- Locating Shoulder Depth: .69
- (5) – 014 O–rings
- (1) – 010 O–rings

### OTHER VALVES:


ISO 03 SANDWICH BODIES

- Aluminum rated to 3000 psi and Ductile Iron rated to 5000 psi.
- See page viii for ordering cartridge/body and seals. Pressure ratings, material specifications on page xiv.

**FUNCTION**

- Pressure Compensator (Restrictive)
- Pressure Compensator (Restrictive) w/Load-Sensing Port

### Circuit Savers

<table>
<thead>
<tr>
<th>Shutter Cartridge</th>
<th>External Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSAB–XXN</td>
<td>None</td>
<td>YFCG–XHN–AA</td>
<td>YFCG–XHN–AA/S</td>
</tr>
<tr>
<td>CSAB–AXN</td>
<td>SAE-4</td>
<td>YFCJ–XHN–AA</td>
<td>YFCJ–XHN–AA/S</td>
</tr>
<tr>
<td>CSAB–BXN</td>
<td>.250 BSPP</td>
<td>YFCJ–XHN–AA/M</td>
<td>YFCJ–XHN–AA/T</td>
</tr>
</tbody>
</table>

**ALUMINUM**

- Model Code
- List Price

**DUCTILE IRON**

- Model Code
- List Price

---

**Locating Pin**

- CSAB–XXN
- (4) – 012 O–rings

---

**ALUMINUM**

- Model Code
- List Price

**DUCTILE IRON**

- Model Code
- List Price

---

**Locating Pin**

- CSAB–XXN
- (4) – 012 O–rings
ISO 03 SANDWICH BODIES

- Aluminum rated to 3000 psi and Ductile Iron rated to 5000 psi.
- See page viii for ordering cartridge/body and seals. Pressure ratings, material specifications on page xiv.

Circuit Savers

FUNCTION

Flow Divider and/or Combiner on A

Flow Divider and/or Combiner on B

TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE

<table>
<thead>
<tr>
<th>Ports</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4</td>
<td>List Price</td>
<td>Model Code</td>
</tr>
<tr>
<td>SAE-6</td>
<td>MBJ</td>
<td>MBJ/S</td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>MBJ/M</td>
<td>MBJ/T</td>
</tr>
</tbody>
</table>

OTHER VALVES:

- FSBD, FSCD Page 7.08
- FSBA, FSCA Page 7.10
- FSBS, FSCS Page 7.12
- FSCH Page 7.14
ISO 03 SANDWICH BODIES

- Aluminum rated to 3000 psi and Ductile Iron rated to 5000 psi.
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### Circuit Savers

**FUNCTION**

<table>
<thead>
<tr>
<th>B to A</th>
<th>Regenerative</th>
</tr>
</thead>
<tbody>
<tr>
<td>A to B</td>
<td>Regenerative</td>
</tr>
</tbody>
</table>

### Model Code

<table>
<thead>
<tr>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Code</td>
<td>List Price</td>
</tr>
</tbody>
</table>

### Diagram

- Turn screw clockwise to reduce setting.
- Maximum:
  - 2.25
  - 1.70
  - 1.75

- Notch:
  - 1

- Location Pin:
  - 0.05
  - (4) – 012 O-rings

- 4 – 012 O-rings
ISO 03 SANDWICH BODIES
- Aluminum rated to 3000 psi and Ductile Iron rated to 5000 psi.
- See page viii for ordering cartridge/body and seals. Pressure ratings, material specifications on page xiv.

Circuit Savers

FUNCTION

B to A
Regenerative
(Full Time)

A to B
Regenerative
(Full Time)

ALUMINUM

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>YDCF–XCN–AA</td>
<td></td>
</tr>
</tbody>
</table>

DUCTILE IRON

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>YDCF–XCN–AA/S</td>
<td></td>
</tr>
</tbody>
</table>

Locating Pin
(4) – 012 O–rings
ISO 03 SANDWICH BODIES

- Aluminum rated to 3000 psi and Ductile Iron rated to 5000 psi.
- See page viii for ordering cartridge/body and seals. Pressure ratings, material specifications on page xiv.

Circuit Savers

**FUNCTION**

**Aluminum**

- Model Code: ZKX
- List Price: $XX

**Ductile Iron**

- Model Code: ZKX/S

---

**Circuit Savers**

**FUNCTION**

**External Port**

<table>
<thead>
<tr>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Code</td>
<td>List Price</td>
</tr>
<tr>
<td>.25 NPTF</td>
<td>ZWW/S</td>
</tr>
<tr>
<td>SAE-4</td>
<td>ZPT/S</td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>ZVC/S</td>
</tr>
</tbody>
</table>

---

**Circuit Savers**

**FUNCTION**

**CIRCUIT SAVERS**

<table>
<thead>
<tr>
<th>Ports A, B</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Code</td>
<td>List Price</td>
<td>Model Code</td>
</tr>
<tr>
<td>.25 NPTF</td>
<td>ZFW/S</td>
<td>ZFW/S</td>
</tr>
<tr>
<td>SAE-4</td>
<td>ZUO/S</td>
<td>ZUO/S</td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>ZVF/S</td>
<td>ZVF/S</td>
</tr>
</tbody>
</table>