ISO 08 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.

### Relief Valves

**FUNCTION**

P to T

**ALUMINUM**

<table>
<thead>
<tr>
<th>Gage Port (Plugged)</th>
<th>Model Code</th>
<th>List Price</th>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>.25 NPTF</td>
<td>CDP</td>
<td></td>
<td>CDP/S</td>
<td></td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>CDP/M</td>
<td></td>
<td>CDP/T</td>
<td></td>
</tr>
</tbody>
</table>

**DUCTILE IRON**

<table>
<thead>
<tr>
<th>Gage Port (Plugged)</th>
<th>Model Code</th>
<th>List Price</th>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>.25 NPTF</td>
<td>CDO</td>
<td></td>
<td>CDO/S</td>
<td></td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>CDO/M</td>
<td></td>
<td>CDO/T</td>
<td></td>
</tr>
</tbody>
</table>

**TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE**

<table>
<thead>
<tr>
<th>Pilot Operated Relief Valve</th>
<th>Pilot Operated “Kick–Down” Relief Valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP*C Page 1.06, 1.07</td>
<td>RQ*B Page 1.12, 1.13</td>
</tr>
<tr>
<td>Pilot Operated, Rapid Response Relief Valve</td>
<td>Air Controlled, Pilot Operated Relief Valve</td>
</tr>
<tr>
<td>RP*E Page 1.08, 1.09</td>
<td>RP*D Page 1.14, 1.15</td>
</tr>
</tbody>
</table>

**OTHER VALVES:**

RD*A Page 1.10, 1.11
ISO 08 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.

### Relief Valves

**FUNCTION**
- P to T
- Externally Vented

<table>
<thead>
<tr>
<th>Vent Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Model Code</td>
<td>List Price</td>
</tr>
<tr>
<td>SAE-6</td>
<td>HBV</td>
<td></td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>HBV/M</td>
<td></td>
</tr>
</tbody>
</table>

**TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE**

<table>
<thead>
<tr>
<th>RVGA</th>
<th>Pilot Operated Vented Relief Valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.19</td>
<td></td>
</tr>
</tbody>
</table>

**T-17A Cavity**
- Locating Shoulder Depth .91

(2) – 114 O-rings
(4) – 121 O-rings

(4) – 121 O-rings

(2) – 114 O-rings
ISO 08 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.

### Relief Valves

**FUNCTION**

P to T
- N.O. Solenoid Venting
- N.C. Solenoid Venting

**Relief Valves**

**Solenoid Type** | **Gage Port (Plugged)** | **ALUMINUM** | **DUCTILE IRON**
---|---|---|---
N.O. | .25 NPTF | YRHI–LAN–*A | YRHI–LAN–A/S
N.O. | .25 BSPP | YRHI–LAN–A/M | YRHI–LAN–A/T
N.C. | .25 NPTF | YRHJ–LAN–A | YRHJ–LAN–A/S
N.C. | .25 BSPP | YRHJ–LAN–A/M | YRHJ–LAN–A/T

* Select solenoid connection/voltage option from page 14.16 and add option price to List Price.

Operating pressure is limited to 3000 psi.

---

* RVIA–LAN
  - (4) – 121 O–rings
  - (2) – 114 O–rings
ISO 08 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.

## Relief Valves

### Function

#### Out of T

- **Aluminum**
  - Model Code: IBT
  - List Price: 1.12

- **Ductile Iron**
  - Model Code: IBT/S
  - List Price: 1.12

---

### TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE

<table>
<thead>
<tr>
<th>Cartridge Type</th>
<th>Model Code</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot Operated Relief Valve</td>
<td>RP*C</td>
<td>1.07</td>
</tr>
<tr>
<td>Pilot Operated, Rapid Response Relief Valve</td>
<td>RP*E</td>
<td>1.09</td>
</tr>
<tr>
<td>Direct Acting Relief Valve</td>
<td>RD*A</td>
<td>1.11</td>
</tr>
<tr>
<td>Pilot Operated “Kick–Down” Relief Valve</td>
<td>RO*B</td>
<td>1.13</td>
</tr>
<tr>
<td>Air Controlled, Pilot Operated Relief Valve</td>
<td>RP*D</td>
<td>1.15</td>
</tr>
</tbody>
</table>

---

### ISO 08 SANDWICH BODIES Details

1. **T–18A Cavity Locating Shoulder Depth**
   - .03
   - (2) –114 O–rings
   - (4) –121 O–rings

---

### ALUMINUM

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBT</td>
<td>1.12</td>
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</table>

### DUCTILE IRON

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBT/S</td>
<td>1.12</td>
</tr>
</tbody>
</table>
ISO 08 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.

Relief Valves

**FUNCTION**

A to T

<table>
<thead>
<tr>
<th>Gauge Port (Plugged)</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>CDA</td>
<td>CDA/S</td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>CDA/M</td>
<td>CDA/T</td>
</tr>
</tbody>
</table>

### TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE

- **Pilot Operated Relief Valve**
  - RP*C Page 1.06, 1.07
- **Pilot Operated, Rapid Response Relief Valve**
  - RP*E Page 1.08, 1.09
- **Direct Acting Relief Valve**
  - RD*A Page 1.10, 1.11
- **Pilot Operated “Kick–Down” Relief Valve**
  - RQ*B Page 1.12, 1.13
- **Air Controlled, Pilot Operated Relief Valve**
  - RP*D Page 1.14, 1.15
ISO 08 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.

### Relief Valves

#### FUNCTION

**A to T**
- Externally Vented

**B to T**
- Externally Vented

#### Ventilation Port

**ALUMINUM**

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
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</thead>
<tbody>
<tr>
<td>SAE-6</td>
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</tr>
<tr>
<td>.25 BSPP</td>
<td>HBE/M</td>
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**DUCTILE IRON**

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
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<tbody>
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<td>SAE-6</td>
<td>HBE/S</td>
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<tr>
<td>.25 BSPP</td>
<td>HBE/T</td>
</tr>
</tbody>
</table>

**TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE**

- Pilot Operated Vented Relief Valve
  - RVGA Page 1.19

**OTHER VALVES:**

---

US Sandwich Body Catalog 5/94 #999-903-101
CD #999-901-105 Rev. 01-Jan-96
ISO 08 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

A and B to T
(High Capacity)

TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE

<table>
<thead>
<tr>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Code</td>
<td>List Price</td>
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<td>CDZ</td>
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TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE

- Pilot Operated Relief Valve
  - RPIC Page 1.07
- Pilot Operated, Rapid Response Relief Valve
  - RPIE Page 1.09
- Direct Acting Relief Valve
  - RDHA Page 1.11
- Pilot Operated “Kick–Down” Relief Valve
  - RQIB Page 1.13
- Air Controlled, Pilot Operated Relief Valve
  - RPID Page 1.15

OTHER VALVES:
ISO 08 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.

**Relief Valves**

**FUNCTION**

A to B and B to A
(Cross-Port)

**ALUMINUM**

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

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<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDY/S</td>
<td></td>
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**TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE**

**Pilot Operated Relief Valve**
RP*C Page 1.06, 1.07

**Pilot Operated “Kick–Down” Relief Valve**
RQ*B Page 1.12, 1.13

**Pilot Operated, Rapid Response Relief Valve**
RP*E Page 1.08, 1.09

**Air Controlled, Pilot Operated Relief Valve**
RP*D Page 1.14, 1.15

**Direct Acting Relief Valve**
RD*A Page 1.10, 1.11

**OTHER VALVES:**
ISO 08 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.

Relief Valves

FUNCTION
B to T

T–3A Cavity Locating Shoulder Depth .38

ALUMINUM

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

DUCTILE IRON

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDB/M</td>
<td></td>
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<tr>
<td>CDB/T</td>
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</table>

Relief Valves

FUNCTION
B to T

T–16A Cavity Locating Shoulder Depth .06

ALUMINUM

<table>
<thead>
<tr>
<th>Model Code</th>
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</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>CDD/S</td>
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</table>

DUCTILE IRON

<table>
<thead>
<tr>
<th>Model Code</th>
<th>List Price</th>
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</thead>
<tbody>
<tr>
<td>CDD/M</td>
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<tr>
<td>CDD/T</td>
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</tr>
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</table>

TYPICAL CARTRIDGES USED WITH BODIES SHOWN ABOVE

Pilot Operated Relief Valve
RP*C Page 1.06, 1.07

Pilot Operated “Kick–Down” Relief Valve
RQ*B Page 1.12, 1.13

Pilot Operated, Rapid Response Relief Valve
RP*E Page 1.08, 1.09

Air Controlled, Pilot Operated Relief Valve
RP*D Page 1.14, 1.15

Direct Acting Relief Valve
RD*A Page 1.10, 1.11

OTHER VALVES: