LINE MOUNT BODIES
- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

### TYPICAL CARTRIDGES USED WITH THIS BODY
- RVID
- CWIA
- CWIG
- CVIV

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#### 90 degree body.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>List Price</th>
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</thead>
<tbody>
<tr>
<td>QCE</td>
<td>.25 NPTF</td>
</tr>
<tr>
<td>QCE/S</td>
<td>.25 BSPP</td>
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</table>

#### 90 degree body with high capacity port 3 and gage port.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>List Price</th>
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<tbody>
<tr>
<td>QAE</td>
<td>.25 NPTF</td>
</tr>
<tr>
<td>QAF</td>
<td>.25 BSPP</td>
</tr>
</tbody>
</table>

---

**LINE MOUNT BODIES**

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

---

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- PVJA
- PVJB
- FVFA

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LINE MOUNT BODIES
- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

90 degree 1.25" SAE Code 61 flange port body.

1.25" SAE Code 61 4–Bolt Flange Pattern 2 places.

Mounting Holes: (opposite side)
- Metric: M10 x 1.50-6H x .62 deep. 2 places.

T–24A Cavity Locating Shoulder Depth 2.00

TYPICAL CARTRIDGES USED WITH THIS BODY
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- CWIA - *** Page 4.19
- CWIG - *** Page 4.21
- CVIV - *** Page 4.23

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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Parts 3 &amp; 4</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tbody>
<tr>
<td>Inch SAE-6 QCQ/M</td>
<td>QCQ/S</td>
<td>QC5/S</td>
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<tr>
<td>Metric .25 BSPP QC5/M</td>
<td>QC5/T</td>
<td>QC5/T</td>
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</tr>
</tbody>
</table>

90 degree 1.25" SAE Code 62 flange port body.

1.25" SAE Code 62 4–Bolt Flange Pattern 2 places.

Mounting Holes: (opposite side)
- Metric: M10 x 1.50-6H x .62 deep. 2 places.

T–24A Cavity Locating Shoulder Depth 2.00

TYPICAL CARTRIDGES USED WITH THIS BODY
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<tr>
<th>Mounting Hole Dimensions</th>
<th>Parts 3 &amp; 4</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tr>
<td>Inch SAE-6 QC5/M</td>
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<td>Metric .25 BSPP QC5/M</td>
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</table>
### 90 degree 1.50” SAE Code 61 flange port body.

**Typical Cartridges Used with this Body**
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- CWIA - *** Page 4.19
- CWIG - *** Page 4.21
- CVIV - *** Page 4.23

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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Ports 3 &amp; 4</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<td></td>
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</tr>
<tr>
<td>Metric .25 BSPP</td>
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</table>

### 90 degree 1.50” SAE Code 62 flange port body.

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- CWIG - *** Page 4.21
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<tr>
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<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tr>
<td></td>
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<td>Part Number</td>
<td>List Price</td>
</tr>
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<td>QC6</td>
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</tr>
<tr>
<td>Metric .25 BSPP</td>
<td>QC6/M</td>
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</tr>
</tbody>
</table>
90 degree 2.00" SAE Code 61 flange port body.

2.00" SAE Code 61 4–Bolt Flange Pattern 2 places.

T–24A Cavity Locating Shoulder Depth 2.06

Mounting Holes: (opposite side)
Inch: \(\frac{375}{16}\) UNC-2B x .62 deep.
Metric: \(M10 \times 1.50-6H\) x .75 deep. 2 places.

TYPICAL CARTRIDGE
USED WITH THIS BODY

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90 degree 2.00" SAE Code 62 flange port body.

2.00" SAE Code 62 4–Bolt Flange Pattern 2 places.

T–24A Cavity Locating Shoulder Depth 2.31

Mounting Holes: (opposite side)
Inch: \(\frac{375}{16}\) UNC-2B x .62 deep.
Metric: \(M10 \times 1.50-6H\) x .75 deep. 2 places.

TYPICAL CARTRIDGE
USED WITH THIS BODY

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LINE MOUNT BODIES

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

TYPICAL CARTRIDGES USED WITH THIS BODY

- PVJA - *** Page 3.15
- PVJB - *** Page 3.17
- FVFA - *** Page 6.05

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90 degree 1.25” SAE Code 61 high capacity flange port body with gage port.

1.25” SAE Code 61
4-Bolt Flange Pattern
3 places.

T–24A Cavity
Locating Shoulder
Depth 2.00

Mounting Holes:
(often side)
Inch: .375-16 UNC-2B
x .62 deep.
Metric: M10 x 1.50-6H
x .75 deep.
2 places.

LINE MOUNT BODIES

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

TYPICAL CARTRIDGES USED WITH THIS BODY

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90 degree 1.25” SAE Code 62 high capacity flange port body with gage port.

1.25” SAE Code 62
4–Bolt Flange Pattern
3 places.

T–24A Cavity
 Locating Shoulder
 Depth 2.00

Mounting Holes:
(often side)
Inch: .375-16 UNC-2B
x .62 deep.
Metric: M10 x 1.50-6H
x .75 deep.
2 places.
### 90 degree 1.50" SAE Code 61 high capacity flange port body with gage port.

**TYPICAL CARTRIDGES USED WITH THIS BODY**
- PVJA - *** Page 3.15
- PVJB - *** Page 3.17
- FVFA - *** Page 6.05

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#### Mounting Hole Dimensions

<table>
<thead>
<tr>
<th>Port 4</th>
<th>Gage Port</th>
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<tbody>
<tr>
<td>Inch</td>
<td>SAE-6 .25 NPTF</td>
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<tr>
<td>Metric</td>
<td>.25 BSPP</td>
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#### ALUMINUM

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#### DUCTILE IRON

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<th>List Price</th>
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<tbody>
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</tbody>
</table>

#### T–24A Cavity Locating Shoulder Depth 2.06

Mounting Holes: (opposite side)
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .75 deep.
2 places.

### 90 degree 1.50" SAE Code 62 high capacity flange port body with gage port.

**TYPICAL CARTRIDGES USED WITH THIS BODY**
- PVJA - *** Page 3.15
- PVJB - *** Page 3.17
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#### Mounting Hole Dimensions

<table>
<thead>
<tr>
<th>Port 4</th>
<th>Gage Port</th>
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<tbody>
<tr>
<td>Inch</td>
<td>SAE-6 .25 NPTF</td>
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<td>Metric</td>
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#### ALUMINUM

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#### DUCTILE IRON

<table>
<thead>
<tr>
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<th>List Price</th>
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<tbody>
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</table>

#### T–24A Cavity Locating Shoulder Depth 2.31

Mounting Holes: (opposite side)
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .75 deep.
2 places.
**LINE MOUNT BODIES**

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

---

### 90 degree 2.00” SAE Code 61 high capacity flange port body with gage port.

2.00” SAE Code 61
4–Bolt Flange Pattern
2 places.

- **T–24A Cavity Locating Shoulder**
  - Depth 2.06

- **Mounting Holes:**
  - (opposite side)
  - Metric: M10 x 1.50-6H x .75 deep.
  - 2 places.

---

### Table: S4 T24A

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Part 3 SAE Code 61</th>
<th>Port 4 Gage Port</th>
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<tr>
<td>Part Number</td>
<td>List Price</td>
<td>Part Number</td>
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</table>

---

### 90 degree 2.00” SAE Code 62 high capacity flange port body with gage port.

2.00” SAE Code 62
4–Bolt Flange Pattern
2 places.

- **T–24A Cavity Locating Shoulder**
  - Depth 2.31

- **Mounting Holes:**
  - (opposite side)
  - Metric: M10 x 1.50-6H x .75 deep.
  - 2 places.

---

### Table: S4 T24A

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Part 3 SAE Code 62</th>
<th>Port 4 Gage Port</th>
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</table>
LINE MOUNT BODIES
- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

Direct mount 1.00" SAE Code 62 body.

1.00" SAE Code 62
4–Bolt Flange Pattern
2 places.
2 holes tapped
4 holes through

T–24A Cavity
Locating Shoulder
Depth 2.00

Direct mount 1.25" SAE Code 62 body.

1.25" SAE Code 62
4–Bolt Flange Pattern
2 places.
2 holes tapped
4 holes through

T–24A Cavity
Locating Shoulder
Depth 2.00

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USED WITH THIS BODY
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SAE Specifications Page 11.03

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Ports 3 &amp; 4</th>
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<th>DUCTILE IRON</th>
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<th>DUCTILE IRON</th>
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<td>SAE-6</td>
<td>WGZ</td>
<td>WGZ/S</td>
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<td>WGZ/T</td>
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</tbody>
</table>
Direct mount 1.50” SAE Code 62 body.

1.50” SAE Code 62
4–Bolt Flange Pattern
2 places.
2 holes tapped
4 holes through

ALUMINUM

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
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<th>DUCTILE IRON</th>
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</thead>
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<td>WGT/S</td>
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<tr>
<td>Metric .25 BSPP</td>
<td>WGT/M</td>
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<td>WGT/T</td>
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</table>

TYPICAL CARTRIDGES
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Cartridge seal type determines O–ring type.

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CARTRIDGE SEAL TYPE

O–ring type.
**LINE MOUNT BODIES**

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

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**TWO CAVITY CROSS–PILOTED BODY WITH COMMON PORT 4**

For load control applications.

### Two cavity cross–piloted body with common port 4

<table>
<thead>
<tr>
<th>Ports</th>
<th>1A, 1B, 2A, 2B</th>
<th>Port 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00 NPTF</td>
<td>.25 NPTF</td>
<td>XLE</td>
</tr>
<tr>
<td>1.25 NPTF</td>
<td>.25 NPTF</td>
<td>XLF</td>
</tr>
<tr>
<td>SAE-16</td>
<td>SAE-6</td>
<td>XLM</td>
</tr>
<tr>
<td>SAE-20</td>
<td>SAE-6</td>
<td>XLN</td>
</tr>
<tr>
<td>1.00 BSPP</td>
<td>.25 BSPP</td>
<td>XLX</td>
</tr>
<tr>
<td>1.25 BSPP</td>
<td>.25 BSPP</td>
<td>XLY</td>
</tr>
</tbody>
</table>

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**TWO CAVITY CROSS–PILOTED BODY WITH INDEPENDENT PORT 4**

For load control applications.

<table>
<thead>
<tr>
<th>Ports</th>
<th>1A, 1B, 2A, 2B</th>
<th>Ports 4A &amp; 4B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00 NPTF</td>
<td>.25 NPTF</td>
<td>XSE</td>
</tr>
<tr>
<td>1.25 NPTF</td>
<td>.25 NPTF</td>
<td>XSF</td>
</tr>
<tr>
<td>SAE-16</td>
<td>SAE-6</td>
<td>XSM</td>
</tr>
<tr>
<td>SAE-20</td>
<td>SAE-6</td>
<td>XSN</td>
</tr>
<tr>
<td>1.00 BSPP</td>
<td>.25 BSPP</td>
<td>XSX</td>
</tr>
<tr>
<td>1.25 BSPP</td>
<td>.25 BSPP</td>
<td>XSY</td>
</tr>
</tbody>
</table>
LINE MOUNT BODIES
• Aluminum rated to 3000 psi.
• Ductile Iron rated to 5000 psi.

Two cavity cross–piloted 1.50" SAE Code 61 flange port body with common port 4 for load control applications.

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Two cavity cross–piloted 1.50" SAE Code 62 flange port body with common port 4 for load control applications.

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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 4</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch SAE-6</td>
<td>XLR</td>
<td>XLR/S</td>
<td></td>
</tr>
<tr>
<td>Metric .25 BSPP</td>
<td>XLR/M</td>
<td>XLR/T</td>
<td></td>
</tr>
</tbody>
</table>

Mounting Holes:
(opposite side)
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .62 deep.
2 places.
Two cavity cross–piloted 2.00" SAE Code 61 flange port body with common port 4 for load control applications.

![Diagram](image)

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**ALUMINUM**
- Part Number: XLS
- List Price: XL8/S

**DUCTILE IRON**
- Part Number: XLS/S
- List Price: XLS/T

---

Two cavity cross–piloted 2.00" SAE Code 62 flange port body with common port 4 for load control applications.

![Diagram](image)

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**ALUMINUM**
- Part Number: XLS
- List Price: XL8/S

**DUCTILE IRON**
- Part Number: XLS/S
- List Price: XLS/T
Two cavity cross–piloted 1.50” SAE Code 61 flange port body with independent port 4 for load control applications.

**TYPICAL CARTRIDGES USED WITH THIS BODY**

<table>
<thead>
<tr>
<th>Cartridge</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWIA</td>
<td>4.19</td>
</tr>
<tr>
<td>CWIG</td>
<td>4.21</td>
</tr>
<tr>
<td>CVIV</td>
<td>4.23</td>
</tr>
</tbody>
</table>

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**Mounting Hole Dimensions**

<table>
<thead>
<tr>
<th>Ports 4A &amp; 4B</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>XSR</td>
</tr>
<tr>
<td>Metric</td>
<td>.25 BSPP</td>
<td>XSR/M</td>
</tr>
</tbody>
</table>

**LINE MOUNT BODIES**

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

Two cavity cross–piloted 1.50” SAE Code 62 flange port body with independent port 4 for load control applications.

**TYPICAL CARTRIDGES USED WITH THIS BODY**

<table>
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<th>Cartridge</th>
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<tr>
<td>CWIG</td>
<td>4.21</td>
</tr>
<tr>
<td>CVIV</td>
<td>4.23</td>
</tr>
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</table>

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**Mounting Hole Dimensions**

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<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>XSR</td>
</tr>
<tr>
<td>Metric</td>
<td>.25 BSPP</td>
<td>XSR/M</td>
</tr>
</tbody>
</table>

**LINE MOUNT BODIES**

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.
Two cavity cross–piloted 2.00” SAE Code 61 flange port body with independent port 4 for load control applications.

TYPICAL CARTRIDGES USED WITH THIS BODY

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Mounting Holes:
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .62 deep.

Mounting Holes: (opposite side)
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .62 deep.

TYPICAL CARTRIDGES USED WITH THIS BODY

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Two cavity cross–piloted 2.00” SAE Code 62 flange port body with independent port 4 for load control applications.

Mounting Holes:
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .62 deep.

Mounting Holes: (opposite side)
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .62 deep.

LINE MOUNT BODIES

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.
LINE MOUNT BODIES

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

TYPICAL CARTRIDGES USED WITH THIS BODY

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Cartridge seal type determines check valve seal type.

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Body with high capacity port 3 reverse free flow check and gage port for reducing/relieving applications.

<table>
<thead>
<tr>
<th>Parts 1 &amp; 2</th>
<th>Port 3</th>
<th>Port 4</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>.75 NPTF</td>
<td>.75 NPTF</td>
<td>.25 NPTF</td>
<td>.25 NPTF</td>
<td>Q4D</td>
<td>Q4D/S</td>
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<tr>
<td>1.00 NPTF</td>
<td>.75 NPTF</td>
<td>.25 NPTF</td>
<td>.25 NPTF</td>
<td>Q4E</td>
<td>Q4E/S</td>
</tr>
<tr>
<td>1.25 NPTF</td>
<td>.75 NPTF</td>
<td>.25 NPTF</td>
<td>.25 NPTF</td>
<td>Q4F</td>
<td>Q4F/S</td>
</tr>
<tr>
<td>SAE-12</td>
<td>SAE-12</td>
<td>SAE-6</td>
<td>.25 NPTF</td>
<td>Q4L</td>
<td>Q4L/S</td>
</tr>
<tr>
<td>SAE-16</td>
<td>SAE-12</td>
<td>SAE-6</td>
<td>.25 NPTF</td>
<td>Q4M</td>
<td>Q4M/S</td>
</tr>
<tr>
<td>SAE-20</td>
<td>SAE-12</td>
<td>SAE-6</td>
<td>.25 NPTF</td>
<td>Q4N</td>
<td>Q4N/S</td>
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<tr>
<td>.75 BSPP</td>
<td>.75 BSPP</td>
<td>.25 BSPP</td>
<td>.25 BSPP</td>
<td>Q4W</td>
<td>Q4W/S</td>
</tr>
<tr>
<td>1.00 BSPP</td>
<td>.75 BSPP</td>
<td>.25 BSPP</td>
<td>.25 BSPP</td>
<td>Q4X</td>
<td>Q4X/S</td>
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<tr>
<td>1.25 BSPP</td>
<td>.75 BSPP</td>
<td>.25 BSPP</td>
<td>.25 BSPP</td>
<td>Q4Y</td>
<td>Q4Y/S</td>
</tr>
</tbody>
</table>
LINE MOUNT BODIES

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

1.50” SAE Code 61 flange port body with high capacity port 3 reverse free flow check and gage port for reducing/relieving applications.

### TYPICAL CARTRIDGEs
**USED WITH THIS BODY**

<table>
<thead>
<tr>
<th>Cartridge Type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PVJA</td>
<td>3.15</td>
</tr>
<tr>
<td>PVJB</td>
<td>3.17</td>
</tr>
</tbody>
</table>

Cartridge seal type determines check valve seal type.

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<table>
<thead>
<tr>
<th>Mounting Hole</th>
<th>Inch</th>
<th>Metric</th>
<th>Gage Port</th>
<th>Part Number</th>
<th>List Price</th>
<th>Part Number</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>SAE-6</td>
<td>.25</td>
<td>NPTF</td>
<td>Q4R</td>
<td>Q4R/S</td>
<td>Q4R/M</td>
<td>Q4R/T</td>
</tr>
</tbody>
</table>

ALUMINUM

DUCTILE IRON

1.50” SAE Code 62 flange port body with high capacity port 3 reverse free flow check and gage port for reducing/relieving applications.

### TYPICAL CARTRIDGEs
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Cartridge seal type determines check valve seal type.

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<thead>
<tr>
<th>Mounting Hole</th>
<th>Inch</th>
<th>Metric</th>
<th>Gage Port</th>
<th>Part Number</th>
<th>List Price</th>
<th>Part Number</th>
<th>List Price</th>
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</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>SAE-6</td>
<td>.25</td>
<td>NPTF</td>
<td>Q46</td>
<td>Q46/S</td>
<td>Q46/M</td>
<td>Q46/T</td>
</tr>
</tbody>
</table>
LINE MOUNT BODIES

- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

2.00" SAE Code 61 flange port body with high capacity port 3 reverse free flow check and gage port for reducing/relieving applications.

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Cartridge seal type determines check valve seal type.
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Cartridge seal type determines check valve seal type.
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2.00" SAE Code 62 flange port body with high capacity port 3 reverse free flow check and gage port for reducing/relieving applications.