### TYPICAL CARTRIDGES USED WITH THIS BODY

<table>
<thead>
<tr>
<th>Cartridge</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RVGD</td>
<td>1.21</td>
</tr>
<tr>
<td>PVHA</td>
<td>3.15</td>
</tr>
<tr>
<td>PVHB</td>
<td>3.17</td>
</tr>
<tr>
<td>CWGA</td>
<td>4.19</td>
</tr>
<tr>
<td>CWGG</td>
<td>4.21</td>
</tr>
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<td>CVGV</td>
<td>4.23</td>
</tr>
<tr>
<td>FVEA</td>
<td>6.05</td>
</tr>
</tbody>
</table>

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---

### 90 degree body with gage port.

<table>
<thead>
<tr>
<th>Ports 1 &amp; 2</th>
<th>Port 3</th>
<th>Port 4</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tbody>
<tr>
<td></td>
<td>.75 NPTF</td>
<td>.75 NPTF</td>
<td>.25 NPTF</td>
<td>.25 NPTF</td>
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<tr>
<td>.100 NPTF</td>
<td>.75 NPTF</td>
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<td>.25 NPTF</td>
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<td>PAF/S</td>
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<td>SAE-12</td>
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<td>PAW/S</td>
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<td>PAY/S</td>
</tr>
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</table>

**LINE MOUNT BODIES**

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

**ALUMINUM**

- T-23A Cavity Locating Shoulder Depth 1.62
- Mounting Holes: 
  - .42 diameter through hole.
  - 2 places.

**DUCTILE IRON**

- 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.

90 degree 1.00” SAE Code 61 flange port body with gage port.

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PVHA - *** Page 3.15
PVHB - *** Page 3.17
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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Part 4</th>
<th>Gage Port</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>.25 NPTF</td>
</tr>
<tr>
<td>Metric</td>
<td>.25 BSPP</td>
<td>.25 BSPP</td>
</tr>
</tbody>
</table>

ALUMINUM | DUCTILE IRON
---|---
Part Number | List Price | Part Number | List Price
PA4 | PAP/S
PA4/M | PAP/T

90 degree 1.00” SAE Code 62 flange port body with gage port.

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<table>
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<tr>
<td>Inch</td>
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<tr>
<td>Metric</td>
<td>.25 BSPP</td>
<td>.25 BSPP</td>
</tr>
</tbody>
</table>

ALUMINUM | DUCTILE IRON
---|---
Part Number | List Price | Part Number | List Price
PA4 | PAP/S
PA4/M | PAP/T
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

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USED WITH THIS BODY

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Cartridge seal type determines O–ring type.

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Mounting Hole Dimensions | Ports 3 & 4 | ALUMINUM | DUCTILE IRON
---|---|---|---
Inch | SAE-6 | WHA | WHA/S
Metric | .25 BSPP | WHA/M | WHA/T
### 90 degree 1.25" SAE Code 61 flange port body with gage port.

**Mounting Holes:**
- 1.25" SAE Code 61 4–Bolt Flange Pattern
- 2 places.
- T–23A Cavity Locating Shoulder
- Depth 1.62

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<th>Port 4</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tbody>
<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>.25 NPTF</td>
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<tr>
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<td>.25 BSPP</td>
<td>.25 BSPP</td>
<td>PAQ/M</td>
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### 90 degree 1.25" SAE Code 62 flange port body with gage port.

**Mounting Holes:**
- 1.25" SAE Code 62 4–Bolt Flange Pattern
- 3 places.
- T–23A Cavity Locating Shoulder
- Depth 1.69

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<th>Port 4</th>
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<th>DUCTILE IRON</th>
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<tr>
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<td>.25 BSPP</td>
<td>PA5/M</td>
<td>PA5/T</td>
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</table>
LINE MOUNT BODIES

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

Two cavity 90 degree cross–piloted body with common port 4 for load control applications.

Two cavity 90 degree cross–piloted body with independent port 4 for load control applications.
LINE MOUNT BODIES

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

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Two cavity cross–piloted 1.00” SAE Code 61 flange port body with common port 4 for load control applications.

1.00” SAE Code 61
4–Bolt Flange Pattern 4 places.

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

T–23A Cavity Locating Shoulder Depth 1.64
2 places.

Mounting Hole
Dimensions
Part 4
ALUMINUM
DUCTILE IRON

<table>
<thead>
<tr>
<th>Port 4</th>
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</table>

Two cavity cross–piloted 1.00” SAE Code 62 flange port body with common port 4 for load control applications.

1.00” SAE Code 62
4–Bolt Flange Pattern 4 places.

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

T–23A Cavity Locating Shoulder Depth 1.64
2 places.

Mounting Hole
Dimensions
Part 4
ALUMINUM
DUCTILE IRON

<table>
<thead>
<tr>
<th>Port 4</th>
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</tbody>
</table>
**LINE MOUNT BODIES**

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

### Two cavity cross–piloted 1.25” SAE Code 61 flange port body with common port 4 for load control applications.

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

T–23A Cavity Locating Shoulder
- Depth 1.64
- 2 places.

### TYPICAL CARTRIDGES USED WITH THIS BODY

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### ALUMINUM

<table>
<thead>
<tr>
<th>Part Number</th>
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<tr>
<td>XMQ/S</td>
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### DUCTILE IRON

<table>
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<tr>
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<tbody>
<tr>
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</tbody>
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### Two cavity cross–piloted 1.25” SAE Code 62 flange port body with common port 4 for load control applications.

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

T–23A Cavity Locating Shoulder
- Depth 1.64
- 2 places.

### TYPICAL CARTRIDGES USED WITH THIS BODY

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### ALUMINUM

<table>
<thead>
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### DUCTILE IRON

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</table>
Two cavity cross–piloted 1.00” SAE Code 61 flange port body with independent port 4 for load control applications.

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

T–23A Cavity Locating Shoulder
Depth 1.64
2 places.

<table>
<thead>
<tr>
<th>Ports</th>
<th>Inch</th>
<th>Metric</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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</thead>
<tbody>
<tr>
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<td>VA4</td>
<td>VA4/S</td>
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<td></td>
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<td>VA4/M</td>
<td>VA4/T</td>
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Two cavity cross–piloted 1.00” SAE Code 62 flange port body with independent port 4 for load control applications.

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

T–23A Cavity Locating Shoulder
Depth 1.64
2 places.

<table>
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<tr>
<th>Ports</th>
<th>Inch</th>
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<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<td>4A, 4B</td>
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<td>VA4/T</td>
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</table>
Two cavity cross–piloted 1.25" SAE Code 61 flange port body with independent port 4 for load control applications.

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

T–23A Cavity Locating Shoulder Depth 1.64
2 places.

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

Mounting Hole
Dimensions

<table>
<thead>
<tr>
<th>Ports 4A, 4B</th>
<th>Inch</th>
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<th>VAQ/S</th>
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<td>VAQ/M</td>
<td>VAQ/T</td>
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TYPICAL CARTRIDGES
USED WITH THIS BODY

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

Two cavity cross–piloted 1.25" SAE Code 62 flange port body with independent port 4 for load control applications.

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

T–23A Cavity Locating Shoulder Depth 1.64
2 places.

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

Mounting Hole
Dimensions

<table>
<thead>
<tr>
<th>Ports 4A, 4B</th>
<th>Inch</th>
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<th>VA5</th>
<th>VA5/S</th>
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<td>Metric</td>
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CWGG - *** Page 4.21
CVGV - *** Page 4.23

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

TYPICAL CARTRIDGES USED WITH THIS BODY
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PVHB - *** Page 3.17

Cartridge seal type determines check valve seal type.

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

<table>
<thead>
<tr>
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<th>Port 3</th>
<th>Port 4</th>
<th>Gage Port</th>
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<tbody>
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<td>.75 NPTF</td>
<td>.75 NPTF</td>
<td>.25 NPTF</td>
<td>.25 NPTF</td>
</tr>
<tr>
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<td>.75 NPTF</td>
<td>.25 NPTF</td>
<td>.25 NPTF</td>
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ALUMINUM
- Part Number
- List Price

DUCTILE IRON
- Part Number
- List Price

<table>
<thead>
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<th>ALUMINUM</th>
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<tr>
<td>P4Y</td>
<td>P4Y/S</td>
</tr>
</tbody>
</table>

T–23A Cavity Locating Shoulder Depth 1.62

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

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.

### 1.00" SAE Code 61 flange port body with reverse free flow check and gage port for reducing/relieving applications.

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

T–23A Cavity Locating Shoulder Depth 1.72

**TYPICAL CARTRIDGES USED WITH THIS BODY**

<table>
<thead>
<tr>
<th>PVHA</th>
<th>Page 3.15</th>
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<tr>
<td>PVHB</td>
<td>Page 3.17</td>
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</table>

Cartridge seal type determines check valve seal type.

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<tr>
<td>PVHB</td>
<td>Page 3.17</td>
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Cartridge seal type determines check valve seal type.

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### 1.00" SAE Code 62 flange port body with reverse free flow check and gage port for reducing/relieving applications.

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

T–23A Cavity Locating Shoulder Depth 1.72

**TYPICAL CARTRIDGES USED WITH THIS BODY**

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<tr>
<th>PVHA</th>
<th>Page 3.15</th>
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<tbody>
<tr>
<td>PVHB</td>
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Cartridge seal type determines check valve seal type.

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Pressure ratings, material specifications. Page 11.02

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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 4</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tbody>
<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>.25</td>
<td>NPTF</td>
<td>P4P</td>
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<tr>
<td>Metric</td>
<td>.25</td>
<td>BSPP</td>
<td>BSPP</td>
<td>P4P/M</td>
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</table>
LINE MOUNT BODIES

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

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

![Diagram of 1.25" SAE Code 61 flange port body]

**TYPICAL CARTRIDGES USED WITH THIS BODY**

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<td>NPTF</td>
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