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

90 degree body.

TYPICAL CARTRIDGES USED WITH THIS BODY

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SQJB - Page 2.09
RSJE - Page 2.11
SCIA - Page 2.13
PJB - Page 3.07
PB - Page 3.09
CBIA - Page 4.11
CBIG - Page 4.13
CBI - Page 4.15
CKIB - Page 4.17
LOJC - Page 9.09
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LPJC - Page 9.13
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90 degree body with gage port.

TYPICAL CARTRIDGES USED WITH THIS BODY

RVIA - Page 1.19
RSJC - Page 2.07
SQJB - Page 2.09
RSJE - Page 2.11
SCIA - Page 2.13
PJB - Page 3.07
PB - Page 3.09
CBIA - Page 4.11
CBIG - Page 4.13
CBI - Page 4.15
CKIB - Page 4.17
LOJC - Page 9.09
LKJC - Page 9.11
LPJC - Page 9.13
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**LINE MOUNT BODIES**

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

---

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

![Diagram](image)

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- PPJB - Page 3.11
- PPJC - Page 3.13
- FRFA - Page 6.03

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---

**ALUMINUM**

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<td>1.00 BSPP</td>
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**Through port body with gage port.**

![Diagram](image)

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- RVIA - Page 1.19
- RSJC - Page 2.07
- SQJB - Page 2.09
- RSJE - Page 2.11
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- PBJB - Page 3.07
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---

**Mounting Hole Dimensions**

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

Through port body with gage port for reducing applications.

Through port body with high capacity port 3 and gage port for reducing/relieving applications.
### Inline 1.50" SAE Code 61 flange port body.

**Mounting Hole Dimensions**

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**TYPICAL CARTRIDGES USED WITH THIS BODY**

- RVIA - Page 1.19
- RSJC - Page 2.07
- SQJB - Page 2.09
- RSJE - Page 2.11
- SCIA - Page 2.13
- PBJB - Page 3.07
- PBJC - Page 3.09
- CBI - Page 4.11
- CBIH - Page 4.13
- OKIB - Page 4.15
- LOJC - Page 9.09
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### Inline 2.00" SAE Code 61 flange port body.

**Mounting Hole Dimensions**

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<tr>
<th>Part</th>
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**TYPICAL CARTRIDGES USED WITH THIS BODY**

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- SQJB - Page 2.09
- RSJE - Page 2.11
- SCIA - Page 2.13
- PBJB - Page 3.07
- PBJC - Page 3.09
- CBI - Page 4.11
- CBIH - Page 4.13
- OKIB - Page 4.15
- LOJC - Page 9.09
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**Note:**
- 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.

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

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09
CBI - *** Page 4.11
CBIG - *** Page 4.13
CBIH - *** Page 4.15
CKIB - *** Page 4.17
LOJC - *** Page 9.09
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<table>
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90 degree 1.00" SAE Code 62 flange port body.

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

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09
CBI - *** Page 4.11
CBIG - *** Page 4.13
CBIH - *** Page 4.15
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90 degree 1.00" SAE Code 61 flange port body with gage port.

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

- T–19A Cavity Locating Shoulder
  - Depth 1.16

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**TYPICAL CARTRIDGES USED WITH THIS BODY**

- RVIA - *** Page 1.19
- RSJC - *** Page 2.07
- SQJB - *** Page 2.09
- RSJE - *** Page 2.11
- SCI - *** Page 2.13
- PBJB - *** Page 3.07
- PBJC - *** Page 3.09
- CBIA - *** Page 4.11
- CBI - *** Page 4.13
- CBH - *** Page 4.15
- CKIB - *** Page 4.17
- LOJC - *** Page 9.09
- LKJC - *** Page 9.11
- LRC - *** Page 9.13
- COJA - *** Page 10.13

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

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

- T–19A Cavity Locating Shoulder
  - Depth 1.16

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**TYPICAL CARTRIDGES USED WITH THIS BODY**

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- RSJC - *** Page 2.07
- SQJB - *** Page 2.09
- RSJE - *** Page 2.11
- SCI - *** Page 2.13
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- CBI - *** Page 4.13
- CBH - *** Page 4.15
- CKIB - *** Page 4.17
- LOJC - *** Page 9.09
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**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 1.25" SAE Code 61 flange port body.

### TYPICAL CARTRIDGES USED WITH THIS BODY

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### Mounting Holes

Mounting Holes (opposite side)

Inch: .375-16 UNC-2B x .62 deep.

Metric: M10 x 1.50-6H x .62 deep.

2 places.

### Mounting Holes

Mounting Holes (opposite side)

Inch: .375-16 UNC-2B x .62 deep.

Metric: M10 x 1.50-6H x .62 deep.

2 places.

### Dimensions

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### Dimensions

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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 with gage port.

**Typical Cartridges Used with This Body**

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SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCI A - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09
CBI A - *** Page 4.11
CBI G - *** Page 4.13
CBI H - *** Page 4.15
OKIB - *** Page 4.17
LOJC - *** Page 9.09
LJKC - *** Page 9.11
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### Mounting Hole Dimensions

**Port 3**

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

**Typical Cartridges Used with This Body**

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCI A - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09
CBI A - *** Page 4.11
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### Mounting Hole Dimensions

**Port 3**

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90 degree 1.25” SAE Code 61 flange port body with high capacity port 3 and gage port.

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

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

T–19A Cavity
Locating Shoulder
Depth 1.88

90 degree 1.25” SAE Code 62 flange port body with high capacity port 3 and gage port.

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

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

T–19A Cavity
Locating Shoulder
Depth 2.00

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

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90 degree 1.50" SAE Code 61 flange port body.

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

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- RSJE - *** Page 2.11
- SCIA - *** Page 2.13
- PBJB - *** Page 3.07
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- CBIA - *** Page 4.11
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- CBIH - *** Page 4.15
- CKIB - *** Page 4.17
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- LKJC - *** Page 9.11
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90 degree 1.50" SAE Code 62 flange port body.

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

**TYPICAL CARTRIDGES USED WITH THIS BODY**
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- RSJE - *** Page 2.11
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LINE MOUNT BODIES

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

90 degree 1.50" SAE Code 61 flange port body with gage port.

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

T–19A Cavity
Locating Shoulder
Depth 1.16

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

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RSJE - *** Page 2.11
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PBJB - *** Page 3.07
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CBI - *** Page 4.13
CBIH - *** Page 4.15
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ductile iron

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

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

T–19A Cavity
Locating Shoulder
Depth 1.16

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

TYPICAL CARTRIDGES
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SCIA - *** Page 2.13
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90 degree 1.50" SAE Code 61 flange port body with gage port.
LINE MOUNT BODIES

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

90 degree 1.50" SAE Code 61 flange port body with high capacity port 3 and gage port.

90 degree 1.50" SAE Code 62 flange port body with high capacity port 3 and gage port.

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LINE MOUNT BODIES

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

90 degree 2.00" SAE Code 61 flange port body.

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

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

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RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09
CBI A- *** Page 4.11
CBIG - *** Page 4.13
CBIH - *** Page 4.15
CKIB - *** Page 4.17
LQJC - *** Page 9.09
LKJC - *** Page 9.11
LPJC - *** Page 9.13
LJJC - *** Page 9.15
COJA - *** Page 10.13

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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.

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09
CBI A- *** Page 4.11
CBIG - *** Page 4.13
CBIH - *** Page 4.15
CKIB - *** Page 4.17
LQJC - *** Page 9.09
LKJC - *** Page 9.11
LPJC - *** Page 9.13
LJJC - *** Page 9.15
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ALUMINUM

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ALUMINUM

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

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

**TYPICAL CARTRIDGES USED WITH THIS BODY**
- RVIA - *** Page 1.19
- RSJC - *** Page 2.07
- SQJB - *** Page 2.09
- RSJE - *** Page 2.11
- SCIA - *** Page 2.13
- PBJB - *** Page 3.07
- PBJC - *** Page 3.09
- CBIA - *** Page 4.11
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- LOJC - *** Page 9.09
- LKJC - *** Page 9.11
- LPJC - *** Page 9.13
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---

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

**ALUMINUM**
- Inch SAE-6 .25 NPTF KFS
- Metric .25 BSPP .25 BSPP KFS/M

**DUCTILE IRON**
- Inch SAE-6 .25 NPTF KFS/S
- Metric .25 BSPP .25 BSPP KFS/T

---

**TYPICAL CARTRIDGES USED WITH THIS BODY**
- RVIA - *** Page 1.19
- RSJC - *** Page 2.07
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LINE MOUNT BODIES

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

90 degree 2.00" SAE Code 61 flange port body with high capacity port 3 and gage port.

90 degree 2.00" SAE Code 62 flange port body with high capacity port 3 and gage port.

### TYPICAL CARTRIDGES USED WITH THIS BODY

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### Mounting Hole Dimensions

#### S4 T19A

#### Ductile Iron

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### Gage Port

#### Inch

- 1.50" .25 NPTF

#### Metric

- 1.50" .25 BSPP

### Mounting Holes:

- (opposite side)
- Metric: M10 x 1.50-6H x .75 deep.

2 places.

### T–19A Cavity

Locating Shoulder
Depth

- 2.06
- 2.31

4–Bolt Flange Pattern

### S4 T19A
LINE MOUNT BODIES

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

Through port 1.00” SAE Code 61 flange port body with gage port.

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

T–19A Cavity
Locating Shoulder
Depth 1.16

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
PBJB - *** Page 3.07
PBWC - *** Page 3.09

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Through port 1.00” SAE Code 62 flange port body with gage port.

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

T–19A Cavity
Locating Shoulder
Depth 1.16

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
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PBWC - *** Page 3.09

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</table>
Through port 1.25" SAE Code 61 flange port body with gage port.

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

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

Mounting Shoulder
Depth 1.16

Through port 1.25" SAE Code 62 flange port body with gage port.

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

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

Mounting Shoulder
Depth 1.16

LINE MOUNT BODIES

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

TYPICAL CARTRIDGES USED WITH THIS BODY

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SQB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09

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<td>KH5</td>
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<tr>
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<td>KH5/T</td>
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</table>
Through port 1.50” SAE Code 61 flange port body with gage port.

1.50” SAE Code 61
4–Bolt Flange Pattern
3 places.

T–19A Cavity
Locating Shoulder
Depth 1.16

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCI A - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09

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Mounting Hole Dimensions

Port 3

Gage Port

ALUMINUM

Part Number
KH6

List Price
KH6/S

DUCTILE IRON

Part Number
KH6

List Price
KH6/T

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Through port 1.50” SAE Code 62 flange port body with gage port.

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

T–19A Cavity
Locating Shoulder
Depth 1.16

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

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCI A - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09

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Mounting Hole Dimensions

Port 3

Gage Port

ALUMINUM

Part Number
KH6

List Price
KH6/S

DUCTILE IRON

Part Number
KH6

List Price
KH6/T

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</table>
LINE MOUNT BODIES

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

Through port 2.00" SAE Code 61 flange port body with gage port.

TYPICAL CARTRIDGES USED WITH THIS BODY

RVIA - *** Page 1.19
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SJJB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09

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Pressure ratings, material specifications. Page 11.02
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Through port 2.00" SAE Code 62 flange port body with gage port.

TYPICAL CARTRIDGES USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SJJB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
PBJB - *** Page 3.07
PBJC - *** Page 3.09

Instructions for ordering complete cartridge and body assemblies. Page v
Pressure ratings, material specifications. Page 11.02
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<td>.25 BSPP</td>
<td>KHS/M</td>
<td>KHS/T</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 body.**

1.25” SAE Code 61
4–Bolt Flange Pattern
2 places.
2 holes tapped
4 holes through

---

**Typical Cartridges Used With This Body**

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<thead>
<tr>
<th>Cartridge</th>
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<td>CBIG</td>
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<td>CBIH</td>
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<tr>
<td>CKIB</td>
<td>4.17</td>
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<tr>
<td>LCJC</td>
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<td>LKJC</td>
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</table>

Cartridge seal type determines O–ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

---

**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

---

**Typical Cartridges Used With This Body**

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<tbody>
<tr>
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Cartridge seal type determines O–ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

---

**TYPICAL CARTRIDGES USED WITH THIS BODY**

<table>
<thead>
<tr>
<th>Cartridge</th>
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<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<td></td>
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<td>Metric .25 BSPP</td>
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**Mounting Hole Dimensions**

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<td>ZNX</td>
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<td>ZNX/M</td>
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</table>
LINE MOUNT BODIES

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

Direct mount 1.50" SAE Code 61 body.

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
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SQB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
CBA - *** Page 4.11
CBIG - *** Page 4.13
CBIH - *** Page 4.15
CKIB - *** Page 4.17
LOJC - *** Page 9.09
LKJC - *** Page 9.11
LPJC - *** Page 9.13
LRJC - *** Page 9.15
COJA - *** Page 10.13

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Cartridge seal type determines O–ring type.

Mounting Hole Dimensions | Part 3
--- | ---
Inch | SAE-6
Metric | .25 BSPP

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

Direct mount 1.50" SAE Code 62 body.

TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13
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LKJC - *** Page 9.11
LPJC - *** Page 9.13
LRJC - *** Page 9.15
COJA - *** Page 10.13

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Cartridge seal type determines O–ring type.

Mounting Hole Dimensions | Part 3
--- | ---
Inch | SAE-6
Metric | .25 BSPP

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

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.

---

**Sandwich mount through port 1.50” SAE Code 61 body with gage port.**

![Diagram of Sandwich mount through port 1.50” SAE Code 61 body with gage port.](image)

**TYPICAL CARTRIDGES USED WITH THIS BODY**

<table>
<thead>
<tr>
<th>Cartridge</th>
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<tbody>
<tr>
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<td>SQJB</td>
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<tr>
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</table>

Cartridge seal type determines O–ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

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---

**Sandwich mount through port 1.50” SAE Code 62 body with gage port.**

![Diagram of Sandwich mount through port 1.50” SAE Code 62 body with gage port.](image)

**TYPICAL CARTRIDGES USED WITH THIS BODY**

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Cartridge seal type determines O–ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

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---

**ALUMINUM**

<table>
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**DUCTILE IRON**

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**LINE MOUNT BODIES**

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

**Sandwich mount through flange port 1.50” SAE Code 61 body with gage port.**

1.50” SAE Code 61
4–Bolt Flange Pattern
4 places.
Port 1 through hole
Port 2 tapped hole

**Sandwich mount through flange port 1.50” SAE Code 62 body with gage port.**

1.50” SAE Code 62
4–Bolt Flange Pattern
4 places.
Port 1 through hole
Port 2 tapped hole

---

**TYPICAL CARTRIDGES USED WITH THIS BODY**

RVIA - *** Page 1.19
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RSJE - *** Page 2.11
SCIA - *** Page 2.13

Cartridge seal type determines O–ring type.

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---

**Mounting Hole Dimensions**

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**DUCTILE IRON**

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**Mounting Hole Dimensions**

<table>
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**TYPICAL CARTRIDGES USED WITH THIS BODY**

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11
SCIA - *** Page 2.13

Cartridge seal type determines O–ring type.

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SAE Specifications Page 11.03
**LINE MOUNT BODIES**

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

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Cartridge seal type determines O–ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

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</table>

Cartridge seal type determines O–ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

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---

**Flange mount through port 1.50” SAE Code 61 body with threaded outlet and gage port.**

**T–19A Cavity Locating Shoulder Depth 1.16**

**1.50” SAE Code 61 4– Bolt Flange Pattern counterbore .47 deep**

---

**Flange mount through port 1.50” SAE Code 62 body with threaded outlet and gage port.**

**T–19A Cavity Locating Shoulder Depth 1.16**

**1.50” SAE Code 62 4– Bolt Flange Pattern counterbore .59 deep**

---

**LINE MOUNT BODIES**

<table>
<thead>
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<th>Mounting Hole Dimensions</th>
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</table>
LINE MOUNT BODIES
- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

Direct mount 90 degree 2.00” SAE Code 61 flange port body.

![Diagram of body with dimensions and notes]

TYPICAL CARTRIDGES
USED WITH THIS BODY

<table>
<thead>
<tr>
<th>Cartridge</th>
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</thead>
<tbody>
<tr>
<td>CBIA</td>
<td>4.11</td>
</tr>
<tr>
<td>CBIG</td>
<td>4.13</td>
</tr>
<tr>
<td>CBIH</td>
<td>4.15</td>
</tr>
<tr>
<td>CKIB</td>
<td>4.17</td>
</tr>
</tbody>
</table>

Cartridge seal type determines O-ring type.

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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port3</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tbody>
<tr>
<td>Inch SAE-6</td>
<td>ZGV</td>
<td>ZGV/S</td>
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</tr>
<tr>
<td>Metric .25 BSPP</td>
<td>ZGV/M</td>
<td>ZGV/T</td>
<td></td>
</tr>
</tbody>
</table>
Two cavity 2.00" SAE Code 61 flange port high capacity body.

T–19A Cavity Locating Shoulder
Depth 1.16
2 places.

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

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

Two cavity direct mount 2.00" SAE Code 61 flange port high capacity body.

.53 diameter through hole
counterbore .78 diameter
x .44 deep.

T–19A Cavity Locating Shoulder
Depth 1.16
2 places.

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

Port 1 through hole
Port 2 tapped hole.

TYPICAL CARTRIDGES
USED WITH THIS BODY

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CBIG - *** Page 4.13
CBIH - *** Page 4.15
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complete cartridge and body
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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3</th>
<th>ALUMINUM</th>
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<td>SAE-6</td>
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<td>XZZ/S</td>
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<td>.25 BSPP</td>
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<table>
<thead>
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<th>Port 3</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>XVD</td>
<td>XVD/S</td>
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<tr>
<td>Metric</td>
<td>.25 BSPP</td>
<td>XVD/M</td>
<td>XVD/T</td>
</tr>
</tbody>
</table>
LINE MOUNT BODIES

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

Four cavity four–way 1.50” SAE Code 61 flange port logic body for directional applications.

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Ports 1 &amp; 2, 3 &amp; 4</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>YRD</td>
<td>YRD/S</td>
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<td>Metric .25 BSPP</td>
<td>YRD/M</td>
<td>YRD/T</td>
<td></td>
</tr>
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</table>

Mounting Holes:
- Metric: M10 x 1.50-6H x .62 deep. 2 places.

Five cavity four–way 1.50” SAE Code 61 flange port logic body for directional applications.

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Ports 1, 2, 3, 4 &amp; 5</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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</thead>
<tbody>
<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>YQD</td>
<td>YQD/S</td>
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<tr>
<td>Metric .25 BSPP</td>
<td>YQD/M</td>
<td>YQD/T</td>
<td></td>
</tr>
</tbody>
</table>

Mounting Holes:
- Metric: M10 x 1.50-6H x .62 deep. 2 places.
### Four cavity four–way 2.00” SAE Code 61 flange port logic body for directional applications.

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- LOJC - *** Page 9.09
- LKJC - *** Page 9.11
- LPJC - *** Page 9.13
- LRJC - *** Page 9.15

Instructions for ordering complete cartridge and body assemblies: Page v

Pressure ratings, material specifications: Page 11.02

SAE Specifications: Page 11.03

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Part</th>
<th>List</th>
<th>Part</th>
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<tr>
<td>Hole</td>
<td>Number</td>
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<td>Number</td>
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<tr>
<td>Dimensions</td>
<td>1 &amp; 2, 3 &amp; 4</td>
<td>ALUMINUM</td>
<td>DUCTILE IRON</td>
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<tr>
<td>Inch</td>
<td>SAE-6</td>
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<td>YRC/S</td>
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<td>Metric</td>
<td>.25 BSPP</td>
<td>YRC/M</td>
<td>YRC/T</td>
<td></td>
</tr>
</tbody>
</table>

Mounting Holes:
- Metric: M10 x 1.50-6H x .62 deep.

### Five cavity four–way 2.00” SAE Code 61 flange port logic body for directional applications.

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- LOJC - *** Page 9.09
- LKJC - *** Page 9.11
- LPJC - *** Page 9.13
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Instructions for ordering complete cartridge and body assemblies: Page v

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<table>
<thead>
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<th>Mounting</th>
<th>Part</th>
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<th>Part</th>
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</tr>
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<tbody>
<tr>
<td>Hole</td>
<td>Number</td>
<td></td>
<td>Number</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>1, 2, 3, &amp; 5</td>
<td>ALUMINUM</td>
<td>DUCTILE IRON</td>
<td></td>
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<tr>
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<td>Metric</td>
<td>.25 BSPP</td>
<td>YQC/M</td>
<td>YQC/T</td>
<td></td>
</tr>
</tbody>
</table>

Mounting Holes:
- Metric: M10 x 1.50-6H x .62 deep.

**LINE MOUNT BODIES**

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

---

**TYPICAL CARTRIDGES**

- LOJC - *** Page 9.09
- LKJC - *** Page 9.11
- LPJC - *** Page 9.13
- LRJC - *** Page 9.15

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**TYPICAL CARTRIDGES**

- LOJC - *** Page 9.09
- LKJC - *** Page 9.11
- LPJC - *** Page 9.13
- LRJC - *** Page 9.15

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**TYPICAL CARTRIDGES**

- LOJC - *** Page 9.09
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**TYPICAL CARTRIDGES**

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**TYPICAL CARTRIDGES**

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**TYPICAL CARTRIDGES**

- LOJC - *** Page 9.09
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Instructions for ordering complete cartridge and body assemblies: Page v

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**90 degree 1.50" SAE Code 61 flange port body with shuttle.**

**Mounting Holes:**
- Metric: M10 x 1.50-6H x .62 deep.

**1.50" SAE Code 61 4-Bolt Flange Pattern**
- 2 places.

**T–19A Cavity Locating Shoulder Depth 1.19**
- 2 places.

**Typical Cartridges Used with This Body**
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- CBIG - Page 4.13
- CBIH - Page 4.15
- CKIB - Page 4.17

Cartridge seal type determines O-ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3</th>
<th>Shuttle Cartridge</th>
<th>Port S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>SAE-6</td>
<td>CSAA – EXN</td>
<td>SAE-4</td>
</tr>
<tr>
<td>Metric</td>
<td>.25 BSPP</td>
<td>CSAA – BXN</td>
<td>.25 BSPP</td>
</tr>
</tbody>
</table>

**ALUMINUM**
- KGR
- KGR/M

**DUCTILE IRON**
- KGR/S
- KGR/T

**90 degree 1.50" SAE Code 62 flange port body with shuttle.**

**Mounting Holes:**
- Metric: M10 x 1.50-6H x .62 deep.

**1.50" SAE Code 62 4-Bolt Flange Pattern**
- 2 places.

**T–19A Cavity Locating Shoulder Depth 1.19**
- 2 places.

**Typical Cartridges Used with This Body**
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- CBIH - Page 4.15
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Cartridge seal type determines O-ring type.

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Pressure ratings, material specifications. Page 11.02

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<td>Inch</td>
<td>SAE-6</td>
<td>CSAA – EXN</td>
<td>SAE-4</td>
</tr>
<tr>
<td>Metric</td>
<td>.25 BSPP</td>
<td>CSAA – BXN</td>
<td>.25 BSPP</td>
</tr>
</tbody>
</table>

**ALUMINUM**
- KG6
- KG6/M

**DUCTILE IRON**
- KG6/S
- KG6/T
**LINE MOUNT BODIES**

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

### 90 degree 2.00" SAE Code 61 flange port body with shuttle.

Mounting Holes:
- Metric: M10 x 1.50-6H x .62 deep.

2 places.

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- CBIA - *** Page 4.11
- CBIG - *** Page 4.13
- CBIIH - *** Page 4.15
- CKIB - *** Page 4.17

Cartridge seal type determines O-ring type.

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<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3 Shuttle Cartridge</th>
<th>Port S</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tbody>
<tr>
<td>Inch SAE-6</td>
<td>CSAA – EXN</td>
<td>SAE-4</td>
<td>KG8</td>
<td>KGS/S</td>
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<tr>
<td>Metric .25 BSPP</td>
<td>CSAA – BXN</td>
<td>.25 BSPP</td>
<td>KGS/M</td>
<td>KGS/T</td>
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</table>

### 90 degree 2.00" SAE Code 62 flange port body with shuttle.

Mounting Holes:
- Metric: M10 x 1.50-6H x .62 deep.

2 places.

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- CBIA - *** Page 4.11
- CBIG - *** Page 4.13
- CBIIH - *** Page 4.15
- CKIB - *** Page 4.17

Cartridge seal type determines O-ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

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<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3 Shuttle Cartridge</th>
<th>Port S</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<td>CSAA – EXN</td>
<td>SAE-4</td>
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<td>KGS/S</td>
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<td>Metric .25 BSPP</td>
<td>CSAA – BXN</td>
<td>.25 BSPP</td>
<td>KGS/M</td>
<td>KGS/T</td>
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</tbody>
</table>
Two cavity cross–piloted inline 1.50" SAE Code 61 flange port body for load control applications.

TYPICAL CARTRIDGES USED WITH THIS BODY

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CBIG - *** Page 4.13
CBIH - *** Page 4.15
CKIB - *** Page 4.17

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

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T–19A Cavity Locating Shoulder Depth 1.16 2 places.

Mounting Holes:
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .88 deep.
4 places.

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

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>XZP</td>
<td>XZP/S</td>
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<tr>
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Two cavity cross–piloted inline 1.50" SAE Code 61 flange port body with shuttle for load control applications.

TYPICAL CARTRIDGES USED WITH THIS BODY

CBIA - *** Page 4.11
CBIG - *** Page 4.13
CBIH - *** Page 4.15
CKIB - *** Page 4.17

Cartridge seal type determines O–ring type.

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Port “S” in End of Hex

Mounting Holes:
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .88 deep.
4 places.

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

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Shuttle Cartridge</th>
<th>Port S</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tr>
<td>Inch</td>
<td>CSAA – EXN</td>
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<td>Metric</td>
<td>CSAA – BXN .25 BSPP</td>
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<td>XZQ/M</td>
<td>XZQ/T</td>
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</tbody>
</table>
Two cavity cross–piloted inline 2.00” SAE Code 61 flange port body for load control applications.

Mounting Holes:
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .88 deep.
4 places.

T–19A Cavity Locating Shoulder Depth 1.16
2 places.

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

TYPICAL CARTRIDGES USED WITH THIS BODY
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CBIH - *** Page 4.15
CKIB - *** Page 4.17

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CARTRIDGE SEAL TYPE DETERMINES O–RING TYPE.

Two cavity cross–piloted inline 2.00” SAE Code 61 flange port body with shuttle for load control applications.

Port “S” in End of Hex

Mounting Holes:
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .88 deep.
4 places.

T–19A Cavity Locating Shoulder Depth 1.16
2 places.

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

TYPICAL CARTRIDGES USED WITH THIS BODY
CBIA - *** Page 4.11
CBIG - *** Page 4.13
CBIH - *** Page 4.15
CKIB - *** Page 4.17

Cartridge seal type determines O–ring type.

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ALUMINUM | DUCTILE IRON
---|---
**Part Number** | **List Price** | **Part Number** | **List Price**
Inch XZR | XZR/S | Metric XZR/M | XZR/T

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Shuttle Cartridge</th>
<th>Port S</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<tbody>
<tr>
<td>Inch</td>
<td>CSAA – EXN</td>
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<td>.25 BSPP</td>
<td>XZS/M</td>
<td>XZS/T</td>
</tr>
</tbody>
</table>
LINE MOUNT BODIES
- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

Two cavity 90 degree cross–piloted 1.50" SAE Code 61 flange port body for load control applications.

TYPICAL CARTRIDGES USED WITH THIS BODY
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CBIH - *** Page 4.15
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TYPICAL CARTRIDGES USED WITH THIS BODY
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Cartridge seal type determines O–ring type.
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Two cavity 90 degree cross–piloted 1.50" SAE Code 61 flange port body with shuttle 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.

ALUMINUM          DUCTILE IRON

<table>
<thead>
<tr>
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<th>Part Number</th>
<th>List Price</th>
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Mounting Hole Dimensions

Inch
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<th>V1</th>
<th>V2</th>
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Metric
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<tbody>
<tr>
<td>.72</td>
<td>4.44</td>
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</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 90 degree cross–piloted 1.50" SAE Code 62 flange port body for load control applications.

TYPICAL CARTRIDGES USED WITH THIS BODY

CBIA - *** Page 4.11
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Two cavity 90 degree cross–piloted 1.50" SAE Code 62 flange port body with shuttle for load control applications.

TYPICAL CARTRIDGES USED WITH THIS BODY

CBIA - *** Page 4.11
CBIG - *** Page 4.13
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Cartridge seal type determines O–ring type.

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ALUMINUM

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
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DUCTILE IRON

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Part Number</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>YM6/S</td>
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<tr>
<td>Metric</td>
<td>YM6/T</td>
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</tr>
</tbody>
</table>

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

Mounting Holes:
Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .62 deep.
4 places.
Two cavity 90 degree cross–piloted 2.00” SAE Code 61 flange port body for load control applications.

### Typical Cartridges Used with This Body

- CBIA - Page 4.11
- CBIG - Page 4.13
- CIHI - Page 4.15
- CKIB - Page 4.17

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### List Price

<table>
<thead>
<tr>
<th>Part Number</th>
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<tbody>
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</tr>
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<td>YMS/M</td>
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</table>

### Mounting Hole Dimensions

- Metric: M10 x 1.50-6H x .62 deep, 2 places.

---

Two cavity 90 degree cross–piloted 2.00” SAE Code 61 flange port body with shuttle for load control applications.

### Typical Cartridges Used with This Body

- CBIA - Page 4.11
- CBIG - Page 4.13
- CIHI - Page 4.15
- CKIB - Page 4.17

Cartridge seal type determines O–ring type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

### List Price

<table>
<thead>
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<td>YNS/M</td>
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</tr>
</tbody>
</table>

### Mounting Hole Dimensions

- Metric: M10 x 1.50-6H x .62 deep, 2 places.

---

### Mounting Holes:

- (opposite side)
- Metric: M10 x 1.50-6H x .62 deep, 2 places.
TYPICAL CARTRIDGES
USED WITH THIS BODY

RVIA - *** Page 1.19
RSJC - *** Page 2.07
SQJB - *** Page 2.09
RSJE - *** Page 2.11

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

<table>
<thead>
<tr>
<th>Ports 1 &amp; 2</th>
<th>Port 3</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>List Price</th>
<th>DUCTILE IRON</th>
<th>List Price</th>
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<td>.25 NPTF</td>
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<td>K6F/S</td>
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<td>K6M/S</td>
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<tr>
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<tr>
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<td>K6Y</td>
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</tr>
</tbody>
</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.

#### TYPICAL CARTRIDGES USED WITH THIS BODY

- RVIA - *** Page 1.19
- RSJC - *** Page 2.07
- SQJB - *** Page 2.09
- RSJE - *** Page 2.11

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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<td>K6Q</td>
<td>K6Q/S</td>
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<tr>
<td>Metric .25 BSPP</td>
<td>.25 BSPP</td>
<td>K6Q/M</td>
<td>K6Q/T</td>
<td></td>
</tr>
</tbody>
</table>

#### Mounting Holes:

Inch: .375-16 UNC-2B x .38 deep.
Metric: M10 x 1.50-6H x .38 deep.
2 places.

### 1.25” SAE Code 62 flange port body with reverse free flow check and gage port.

#### TYPICAL CARTRIDGES USED WITH THIS BODY

- RVIA - *** Page 1.19
- RSJC - *** Page 2.07
- SQJB - *** Page 2.09
- RSJE - *** Page 2.11

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch SAE-6</td>
<td>.25 NPTF</td>
<td>K65</td>
<td>K65/S</td>
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<tr>
<td>Metric .25 BSPP</td>
<td>.25 BSPP</td>
<td>K65/M</td>
<td>K65/T</td>
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</tr>
</tbody>
</table>

#### Mounting Holes:

Inch: .375-16 UNC-2B x .62 deep.
Metric: M10 x 1.50-6H x .62 deep.
2 places.
LINE MOUNT BODIES
- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

1.50" SAE Code 61 flange port body with reverse free flow check and gage port.

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
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<tr>
<td>Metric</td>
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<td>.25 BSPP</td>
<td>K6R/M</td>
<td>K6R/T</td>
</tr>
</tbody>
</table>

TYPICAL CARTRIDGES USED WITH THIS BODY
- RVIA - Page 1.19
- RSJC - Page 2.07
- SQJB - Page 2.09
- RSJE - Page 2.11

Cartridge seal type determines check valve seal type.
Instructions for ordering complete cartridge and body assemblies. Page v
Pressure ratings, material specifications. Page 11.02
SAE Specifications Page 11.03

1.50" SAE Code 62 flange port body with reverse free flow check and gage port.

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3</th>
<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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</thead>
<tbody>
<tr>
<td>Inch</td>
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<td>K66</td>
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<tr>
<td>Metric</td>
<td>.25 BSPP</td>
<td>.25 BSPP</td>
<td>K66/M</td>
<td>K66/T</td>
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TYPICAL CARTRIDGES USED WITH THIS BODY
- RVIA - Page 1.19
- RSJC - Page 2.07
- SQJB - Page 2.09
- RSJE - Page 2.11

Cartridge seal type determines check valve seal type.
Instructions for ordering complete cartridge and body assemblies. Page v
Pressure ratings, material specifications. Page 11.02
SAE Specifications Page 11.03
**LINE MOUNT BODIES**
- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

### 2.00" SAE Code 61 flange port body with reverse free flow check and gage port.

**Mounting Holes:**
- Metric: M10 x 1.50-6H x .62 deep.

### 2.00" SAE Code 62 flange port body with reverse free flow check and gage port.

**Mounting Holes:**
- Metric: M10 x 1.50-6H x .62 deep.

### TYPICAL CARTRIDGES USED WITH THIS BODY
- RVIA - *** Page 1.19
- RSJC - *** Page 2.07
- SQJB - *** Page 2.09
- RSJE - *** Page 2.11

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3</th>
<th>Gage Port</th>
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<th>DUCTILE IRON</th>
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<table>
<thead>
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</table>
LINE MOUNT BODIES
- Aluminum rated to 3000 psi.
- Ductile Iron rated to 5000 psi.

TYPICAL CARTRIDGES
USED WITH THIS BODY

PBJB - *** Page 3.07
PBJC - *** Page 3.09

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

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

![Diagram of body with reverse free flow check and gage port]

<table>
<thead>
<tr>
<th>Ports 1 &amp; 2</th>
<th>Port 3</th>
<th>Gage Port</th>
</tr>
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<tbody>
<tr>
<td>.75 NPTF</td>
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<td>.25 NPTF</td>
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**DUCTILE IRON**

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<td>K2M/S</td>
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<td>K2X/S</td>
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<td>K2Y/S</td>
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### Body with high capacity port 3 reverse free flow check and gage port for reducing/relieving applications.

![Diagram of body with high capacity port 3 reverse free flow check and gage port]

<table>
<thead>
<tr>
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<th>Gage Port</th>
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**DUCTILE IRON**

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

TYPICAL CARTRIDGES USED WITH THIS BODY

PBJB - *** Page 3.07
PBJC - *** Page 3.09

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

### ALUMINUM

<table>
<thead>
<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3</th>
<th>Gage Port</th>
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</thead>
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<td>Inch</td>
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**Part Numbers**

- K2Q
- K2Q/S
- K2Q/M
- K2Q/T

### DUCTILE IRON

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**Part Numbers**

- K25
- K25/S
- K25/M
- K25/T

1.25" SAE Code 62 flange port body with reverse free flow check and gage port for reducing applications.

TYPICAL CARTRIDGES USED WITH THIS BODY

PBJB - *** Page 3.07
PBJC - *** Page 3.09

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

### ALUMINUM

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<th>Mounting Hole Dimensions</th>
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<tr>
<td>Metric</td>
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**Part Numbers**

- K25
- K25/S
- K25/M
- K25/T

### DUCTILE IRON

<table>
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<th>Mounting Hole Dimensions</th>
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<td>Inch</td>
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<tr>
<td>Metric</td>
<td>.25</td>
<td>BSPP</td>
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</tbody>
</table>

**Part Numbers**

- K25
- K25/S
- K25/M
- K25/T
**LINE MOUNT BODIES**

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

### 1.50” SAE Code 61 flange port body with reverse free flow check and gage port for reducing applications.

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- **PBJB** - *** Page 3.07
- **PBJC** - *** Page 3.09

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

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<th>Mounting Hole Dimensions</th>
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<th>Gage Port</th>
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<th>DUCTILE IRON</th>
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<td>.25 BSPP</td>
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</table>

### 1.50” SAE Code 62 flange port body with reverse free flow check and gage port for reducing applications.

**TYPICAL CARTRIDGES USED WITH THIS BODY**

- **PBJB** - *** Page 3.07
- **PBJC** - *** Page 3.09

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

<table>
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<tr>
<th>Mounting Hole Dimensions</th>
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<th>Gage Port</th>
<th>ALUMINUM</th>
<th>DUCTILE IRON</th>
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**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**
  - PPJB - *** Page 3.11
  - PPJC - *** Page 3.13

- Cartridge seal type determines check valve seal type.

- Instructions for ordering complete cartridge and body assemblies. Page v

- Pressure ratings, material specifications. Page 11.02

- SAE Specifications Page 11.03

---

**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 USED WITH THIS BODY**
  - PPJB - *** Page 3.11
  - PPJC - *** Page 3.13

- Cartridge seal type determines check valve seal type.

- Instructions for ordering complete cartridge and body assemblies. Page v

- Pressure ratings, material specifications. Page 11.02

- SAE Specifications Page 11.03

---

**Mounting Hole Dimensions**

<table>
<thead>
<tr>
<th></th>
<th>Inch</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.25</td>
<td>.375-16 UNC-2B x .62 deep.</td>
<td>M10 x 1.50-6H x .62 deep.</td>
</tr>
<tr>
<td>4.44</td>
<td>2 places.</td>
<td></td>
</tr>
<tr>
<td>8.19</td>
<td>2 places.</td>
<td></td>
</tr>
<tr>
<td>4.94</td>
<td>2 places.</td>
<td></td>
</tr>
</tbody>
</table>

---

**ALUMINUM**

<table>
<thead>
<tr>
<th>Gage Port</th>
<th>Part Number</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.25 NPTF</td>
<td>K4R</td>
<td>K4R/S</td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>K4R/M</td>
<td>K4R/T</td>
</tr>
</tbody>
</table>

---

**DUCTILE IRON**

<table>
<thead>
<tr>
<th>Gage Port</th>
<th>Part Number</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.25 NPTF</td>
<td>K46</td>
<td>K46/S</td>
</tr>
<tr>
<td>.25 BSPP</td>
<td>K46/M</td>
<td>K46/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.

#### TYPICAL CARTRIDGES USED WITH THIS BODY

- PPJB - *** Page 3.11
- PPJC - *** Page 3.13

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

<table>
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<tr>
<th>Mounting Hole Dimensions</th>
<th>Port 3 SAE Code 61</th>
<th>Gage Port</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>1.50&quot;</td>
<td>.25 NPTF</td>
</tr>
<tr>
<td>Metric</td>
<td>1.50&quot;</td>
<td>.25 BSPP</td>
</tr>
</tbody>
</table>

**ALUMINUM**

- Part Number: K4S
- List Price: K4S/S

**DUCTILE IRON**

- Part Number: K4S/M
- List Price: K4S/T

### 2.00" SAE Code 62 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

- PPJB - *** Page 3.11
- PPJC - *** Page 3.13

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

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<td>Inch</td>
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<td>.25 NPTF</td>
</tr>
<tr>
<td>Metric</td>
<td>1.50&quot;</td>
<td>.25 BSPP</td>
</tr>
</tbody>
</table>

**ALUMINUM**

- Part Number: K48
- List Price: K48/S

**DUCTILE IRON**

- Part Number: K48/M
- List Price: K48/T
TYPICAL CARTRIDGES USED WITH THIS BODY

PBJB - *** Page 3.07
PBJC - *** Page 3.09

Cartridge seal type determines check valve seal type.

Instructions for ordering complete cartridge and body assemblies. Page v

Pressure ratings, material specifications. Page 11.02

SAE Specifications Page 11.03

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

ALUMINUM

<table>
<thead>
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<th>Part Number</th>
<th>List Price</th>
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<tbody>
<tr>
<td>K28</td>
<td>2.25 NPTF</td>
</tr>
<tr>
<td>K28/S</td>
<td>2.25 BSPP</td>
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</tbody>
</table>

DUCTILE IRON

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<tr>
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<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K28/S</td>
<td>2.25 BSPP</td>
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2.00" SAE Code 62 flange port body with reverse free flow check and gage port for reducing applications.

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<td>2.25 NPTF</td>
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