### Pancake® II Model Number Code

#### Flat-I® Model Number Code

<table>
<thead>
<tr>
<th>Code</th>
<th>Model Number Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FO</td>
<td>31 0.375 V</td>
<td>Flat-I® Model Options Fabco</td>
</tr>
</tbody>
</table>

#### Mounting Options Fabco

- B - Bumpers, both ends
- BF - Bumper, front only
- BR - Bumper, rear only
- CFT - Coarse female rod thread
- CMT - Male rod end with coarse thread
- G - Magnalube® G
- H - Hollow rod, double end models only
- HD - Heavy duty rear head
- J - Failsafe operation (PSR models)
- L - Low friction seals
- M - Male rod end, dovetail extrusion for 1/4” dovetail sensors
- M1, M3, M4 - Magnet on piston; switch mounting post
- MT - Male rod end, fine thread
- P2, P3, P4 - Front port position other than standard
- Q - Low temperature operation (–40°F to +200°F)
- S - Stainless steel fasteners
- T - Trunnion mount (Model S only)
- T1, T3, T4 - Additional switch mounting post located in position 1, 3, or 4
- V - Rod wiper, Buna N only
- X - Extra rod extension
- X0.375 - 3/8” extra rod extension, etc.
- X1 - 1” extra rod extension, etc.

### Flat-I® Cross-over to Fabco-Air Pancake® II

#### Standard Series

- **Series**: FO - Double acting, single rod
- **Bore Size**: 02 - 1/2”, 04 - 3/4”, 09 - 1-1/16”, 17 - 1-1/2”
- **Stroke Length**: 0.125 - 1/8”, 0.250 - 1/4”, 0.375 - 3/8”

#### Series - P - Pancake II

- **Model**: S - single rod, W - double rod, T - double rod, hole thru
- **Action**: D - double acting, R - single acting, spring retract (Model S only), X - single acting, spring extend (Model S only)
- **Bore**: 1 - 1-1/2”, 3 - 1-1/16”, 4 - 1-1/2”, 5 - 2”, 6 - 2-1/2”, 7 - 3”, 8 - 4”
- **Mounting**: HB 0.375 - 0.375 - V
- **Options**: Stroke 0.125 - 1/8”, 0.250 - 1/4”, 0.375 - 3/8”, 0.500 - 1/2”, etc., thru 4.000 - 4”

#### Counterbored mounting holes are standard in the basic model and need not be specified. For other mounting options, specify a code.

#### Example:

- **Code**: EE1 - 1” extra rod extension, etc.

#### Cross-over to Fabco-Air Pancake® II

- **Bore**: 0.375 - 3/8”
- **Mounting**: 0.375 - 3/8”
- **Options**: V
Nonrotating, Twin Rod Series

Flat-II® cross-over to Fabco-Air Pancake® II

**Flat-II® Model Number Code**

**Series**

- **FT** - Nonrotating, Double acting Twin Rod

**Bore Size**

- 04 - 3/4”
- 09 - 1-1/16”
- 17 - 1-1/2”
- 31 - 2”
- 0.125 - 1/8”
- 0.250 - 1/4”
- 0.375 - 3/8”
- etc.

**Stroke Length**

- 0.125 - 1/8”
- 0.250 - 1/4”
- 0.375 - 3/8” etc.

**FT - 09 0.375 - 1 CE**

**Flat-II® Mounting Options**

- Coountered mounting holes are standard in the basic model and need not be specified. For other mounting specify only one option code.

<table>
<thead>
<tr>
<th>Flat-II® Mounting Description</th>
<th>Fabco</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Pivot mount pin in-line with port</td>
<td>SM</td>
</tr>
<tr>
<td>1N - Pivot mount 90° from port</td>
<td>PM</td>
</tr>
<tr>
<td>2 - Trunnion mount, both ends</td>
<td>TB</td>
</tr>
<tr>
<td>2F - Trunnion mount, front</td>
<td>TF</td>
</tr>
<tr>
<td>2R - Trunnion mount, rear</td>
<td>TR</td>
</tr>
<tr>
<td>3 - Threaded mounting holes, both ends</td>
<td>HB</td>
</tr>
<tr>
<td>3F - Threaded mounting holes, front</td>
<td>HF</td>
</tr>
<tr>
<td>3R - Threaded mounting holes, rear</td>
<td>HR</td>
</tr>
<tr>
<td>4 - Screw clearance holes, both ends</td>
<td>CB</td>
</tr>
<tr>
<td>4F - Screw clearance holes, front</td>
<td>CF</td>
</tr>
<tr>
<td>4R - Screw clearance holes, rear</td>
<td>CR</td>
</tr>
</tbody>
</table>

**Pancake® II Model Number Code**

<table>
<thead>
<tr>
<th>Series</th>
<th>Model</th>
<th>Action</th>
<th>Bore</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>N</td>
<td>D</td>
<td>3</td>
</tr>
</tbody>
</table>

**Mounting**

- SM

**Stroke**

- 0.125 - 1/8”
- 0.250 - 1/4”
- 0.375 - 3/8”
- 0.500 - 1/2” etc., thru
- 4.000 - 4”

**Options**

- CE

**Codes are entered in alphabetical order, except EE which is last**

<table>
<thead>
<tr>
<th>Flat-IP Code</th>
<th>Option Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE</td>
<td>Counterbored rod end tool bar.</td>
</tr>
<tr>
<td>G</td>
<td>Magnalube® G</td>
</tr>
<tr>
<td>K</td>
<td>Rod end tool bar rotated 90°</td>
</tr>
<tr>
<td>M, M1, M3, M4</td>
<td>Magnet on piston; switch mounting post</td>
</tr>
<tr>
<td>P</td>
<td>Front port position other than standard</td>
</tr>
<tr>
<td>Q</td>
<td>Low temperature operation (~40°F to +200°F)</td>
</tr>
<tr>
<td>S</td>
<td>Stainless steel fasteners</td>
</tr>
<tr>
<td>T1, T3, T4</td>
<td>Additional switch mounting post located in position 1, 3, or 4</td>
</tr>
<tr>
<td>V</td>
<td>Viton seals for media compatibility (~15°F to +225°F)</td>
</tr>
<tr>
<td>Y</td>
<td>Moly-coat (MoS₂ I.D. coating)</td>
</tr>
<tr>
<td>EE</td>
<td>Extra rod extension</td>
</tr>
</tbody>
</table>

**Example**

EE0.375 - 3/8” extra rod extension, etc. X0.375, etc.

EE1 - 1” extra rod extension, etc.
### Multi-Power® Series

**Flat-I® cross-over to Fabco-Air Pancake® II**

<table>
<thead>
<tr>
<th>Series</th>
<th>Bore Size</th>
<th>Stroke Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>FO2</td>
<td>50</td>
<td>0.125 - 1/8&quot;</td>
</tr>
<tr>
<td>FO3</td>
<td>70</td>
<td>0.250 - 1/4&quot;</td>
</tr>
<tr>
<td>FO4</td>
<td>125</td>
<td>0.375 - 3/8&quot;</td>
</tr>
</tbody>
</table>

#### Flat-I® Model Number Code

**FO3** - 50 0.750 - 3 M

<table>
<thead>
<tr>
<th>Flat-I® Mounting Options</th>
<th>Fabco</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 - Threaded mounting holes, both ends</td>
<td>HB</td>
</tr>
<tr>
<td>3F - Threaded mounting holes, front</td>
<td>HF</td>
</tr>
<tr>
<td>3R - Threaded mounting holes, rear</td>
<td>HR</td>
</tr>
<tr>
<td>4 - Screw clearance holes, both ends</td>
<td>CB</td>
</tr>
<tr>
<td>4F - Screw clearance holes, front</td>
<td>CF</td>
</tr>
<tr>
<td>4R - Screw clearance holes, rear</td>
<td>CR</td>
</tr>
</tbody>
</table>

#### Pancake® II Model Number Code

<table>
<thead>
<tr>
<th>Series</th>
<th>Model Action</th>
<th>Bore</th>
<th>Mounting</th>
<th>Stroke</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>A 3</td>
<td>6</td>
<td>HB</td>
<td>0.75</td>
<td>E or M</td>
</tr>
</tbody>
</table>

**Example**

- **Series P - Pancake II**
- **Flat-I® Code**
  - CFT - Coarse female rod thread, dimension E
  - CM7 - Male rod end with coarse thread
  - G - Magnalube® Standard
  - L - Low friction seals
  - M, M1, M3, M4 - Magnet on piston; switch mounting post
  - MT - Male rod end, fine thread
  - NT - Non-threaded rod
  - P2, P3, P4 - Front port position other than standard
  - P6, P7, P8 - Rear port position other than standard
  - Q - Low temperature operation (–40°F to +200°F)
  - T1, T3, T4 - Additional switch mounting post located in position 1, 3, or 4
  - V - Viton seals for media compatibility
  - W - Rod wiper, Buna N only
  - Y - Moly-coat (MoS2 I.D. coating)
  - EE - Extra rod extension

**Fabco Code**

- TCF - Coarse female rod thread, dimension E
- TCM - Male rod end with coarse thread
- TTM - Fine thread
- TTN - Non-threaded rod
- TP2, TP3, TP4 - Front port position other than standard
- TP6, TP7, TP8 - Rear port position other than standard
- TQ - Low temperature operation (–40°F to +200°F)
- TT1, TT3, TT4 - Additional switch mounting post located in position 1, 3, or 4
- TV - Viton seals for media compatibility
- TW - Rod wiper, Buna N only
- TY - Moly-coat (MoS2 I.D. coating)
- TX - Extra rod extension

**Example**

- **EE0.375 - 3/8" extra rod extension**
- **EE1 - 1" extra rod extension**
# Multi-Position Series

## Flat-I® cross-over to Fabco-Air Pancake® II

### Series and Model Information

<table>
<thead>
<tr>
<th>Series</th>
<th>Model</th>
<th>Action</th>
<th>Bore</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOP</td>
<td>3</td>
<td>D</td>
<td>4</td>
</tr>
</tbody>
</table>

**Model and Action**

- **3D** - 3-position, double acting

**Bore**

- **1** - 1/2"
- **2** - 3/4"
- **3** - 1-1/16"
- **4** - 1-1/2"
- **5** - 2"
- **6** - 2-1/2"
- **7** - 3"
- **8** - 4"

### Bore Size

- **02** - 1/2"
- **04** - 3/4"
- **09** - 1-1/16"
- **17** - 1-1/2"
- **31** - 2"
- **50** - 2-1/2"
- **70** - 3"
- **125** - 4"

### Stroke Length A

- **0.250** - 1/4"
- **0.375** - 3/8"
- **0.500** - 1/2"

### Option Codes

**Flat-I® Model Number Code**

- **FOP - 31 0.375 / 1.500 - 3 V**

**Counterbored mounting holes are standard in the basic model and need not be specified. For other mounting specify only one option code.**

**Flat-I® Mounting Description**

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<td>Pivot mount in-line with port</td>
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<tr>
<td>1N</td>
<td>Pivot mount pin 90° from port</td>
<td>PM</td>
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<tr>
<td>3</td>
<td>Threaded mounting holes, both ends</td>
<td>HB</td>
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<td>Threaded mounting holes, rear</td>
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<td>P</td>
<td>3</td>
<td>D</td>
<td>4</td>
</tr>
</tbody>
</table>

**Mounting**

- **SM**
- **0.375 / 1.500**
- **V**

**Options**

<table>
<thead>
<tr>
<th>Stroke A</th>
<th>Stroke B</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.125</td>
<td>0.125</td>
</tr>
<tr>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>0.375</td>
<td>0.375</td>
</tr>
<tr>
<td>0.500</td>
<td>0.500</td>
</tr>
<tr>
<td>4.000</td>
<td>4.000</td>
</tr>
</tbody>
</table>

**Model Options**

**Flat-I® Code**

- **CFT** - Coarse female rod thread, dimension E
- **CMT** - Male rod end with coarse thread
- **G** - Magnalube® G
- **L** - Low friction seals
- **M, M1, M3, M4** - Magnet on piston; switch mounting post
- **Q** - Low temperature operation
- **S** - Stainless steel fasteners
- **T1, T3, T4** - Additional switch mounting post located in position 1, 3, or 4

**Fabco Code**

- **TCF**
- **TCM**
- **Standard**
- **L**
- **E**
- **TFM**
- **FN**
- **P2, P3, P4**
- **P6, P7, P8**
- **Q**
- **T1, T3, T4**
- **X**
- **X0.375, etc.**
- **X1, etc.**