

Standard Series

Bimba Flat-1 cross-over to Fabco-Air Pancake® II

Series
FO - Double acting, single rod
FOD - Double acting, double rod
FOS - Single acting, spring retracted
FOR - Reverse acting, spring extended

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

Stroke Length	
0.125	- 1/8"
0.250	- 1/4"
0.375	- 3/8"
	etc.

Bimba Flat-1 Model Number Code

FO - 31 0.375 - 3 V

Bimba	Mounting Options	Fabco
Counterbored mounting holes are standard in the basic model and need not be specified. For other mounting specify only one option code.		
Bimba	Mounting Description	Fabco
1	- Pivot mount pin in-line with port	SM
1N	- Pivot mount pin 90° from port	PM
2	- Trunnion mount, both ends	TB
2F	- Trunnion mount, front	TF
2R	- Trunnion mount, rear	TR
3	- Threaded mounting holes, both ends	HB
3F	- Threaded mounting holes, front	HF
3R	- Threaded mounting holes, rear	HR
4	- Screw clearance holes, both ends	CB
4F	- Screw clearance holes, front	CF
4R	- Screw clearance holes, rear	CR
5	- Nose mount for FO, FOR, & FOS	



Pancake® II Model Number Code

Bimba	Model Options	Fabco
<i>Codes are entered in alphabetical order, except EE which is last</i>		
Bimba Code	Option Description	Fabco Code
B	- Bumpers, both ends	B
BF	- Bumper, front only	BF
BR	- Bumper, rear only	BR
CFT	- Coarse female rod thread	TCF
CMT	- Male rod end with coarse thread	TCM
G	- Magnalube® G	Standard
H	- Hollow rod, double end models only For Fabco, "T" in model code specifies double rod, hole thru	(use "T" in model code)
HD	- Heavy duty rear head	H
J	- Failsafe operation (PSR models)	J
L	- Low friction seals	L
M, M1, M3, M4	- Magnet on piston; switch mounting post For Fabco, specify option "E" and order spacer mounted clamp separately – or – use a Fabco "M" option below	E
Not available	- Magnet on piston with adhesive mounted dovetail extrusion for 1/4" dovetail sensors.	M, M1, M3, M4
MT	- Male rod end, fine thread	TFM
NT	- Non-threaded rod	TN
P2, P3, P4	- Front port position other than standard	P2, P3, P4
Q	- Low temperature operation (-40°F to +200°F)	Q
S	- Stainless steel fasteners	Standard
T1, T3, T4	- Additional switch mounting post located in position 1, 3, or 4 For Fabco use spacer mounted clamps – or – "T" option below	T1, T3, T4
Not available	- Additional adhesive mounted dovetail extrusions in position 1, 3, or 4	T1, T3, T4
V	- Viton seals for media compatibility (-15°F to +225°F)	V
W	- Rod wiper, Buna N only	W
Y	- Moly-coat (MoS ₂ I.D. coating)	Not available
EE	- Extra rod extension	X
Example		
EE0.375	- 3/8" extra rod extension, etc.	X0.375, etc.
EE1	- 1" extra rod extension, etc.	X1, etc.

Series	Model	Action	Bore	Mounting	Stroke	Options	
P	S	D	5	HB	0.375	V	
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 - 1/2" 2 - 3/4" 3 - 1-1/16" 4 - 1-1/2" 5 - 2" 6 - 2-1/2" 7 - 3" 8 - 4"			Stroke 0.125 - 1/8" 0.250 - 1/4" 0.375 - 3/8" 0.500 - 1/2" etc., thru 4.000 - 4"
Series P - Pancake II							

Nonrotating, Twin Rod Series

Bimba Flat-1 cross-over to Fabco-Air Pancake® II

Series
FT- Nonrotating, Double acting Twin Rod

Bore Size
04 - 3/4"
09 - 1-1/16"
17 - 1-1/2"
31 - 2"

Stroke Length
0.125 - 1/8"
0.250 - 1/4"
0.375 - 3/8"
etc.

**Bimba Flat-1
Model Number
Code**

FT - 09 0.375 - 1 CE

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

Bimba	Mounting Description	Fabco
1	Pivot mount pin in-line with port	SM
1N	Pivot mount pin 90° from port	PM
2	Trunnion mount, both ends	TB
2F	Trunnion mount, front ¹	TF
2R	Trunnion mount, rear ¹	TR
3	Threaded mounting holes, both ends	HB
3F	Threaded mounting holes, front	HF
3R	Threaded mounting holes, rear	HR
4	Screw clearance holes, both ends	CB
4F	Screw clearance holes, front	CF
4R	Screw clearance holes, rear	CR



Pancake® II Model Number Code

Bimba	Model Options	Fabco
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Codes are entered in alphabetical order, except EE which is last

Bimba Code	Option Description	Fabco Code
CE	Counterbored rod end tool bar	CE
G	Magnalube® G	Standard
K	Rod end tool bar rotated 90°	K
M, M1, M3, M4	Magnet on piston; switch mounting post For Fabco, specify option "E" and order spacer mounted clamp separately – or – use a Fabco "M" option below	E
Not available	Magnet on piston with adhesive mounted dovetail extrusion for 1/4" dovetail sensors.	M, M1, M3, M4
P3	Front port position other than standard	P2, P3, P4
Q	Low temperature operation (-40°F to +200°F)	Q
S	Stainless steel fasteners	Standard
T1, T3, T4	Additional switch mounting post located in position 1, 3, or 4 For Fabco use spacer mounted clamps – or – "T" option below	
Not available	Additional adhesive mounted dovetail extrusions in position 1, 3, or 4	T1, T3, T4
V	Viton seals for media compatibility (-15°F to +225°F)	V
Y	Moly-coat (MoS ₂ I.D. coating)	Not available
EE	Extra rod extension	X
Example		
EE0.375	3/8" extra rod extension, etc.	X0.375, etc.
EE1	1" extra rod extension, etc.	X1, etc.

Series Model Action Bore - Mounting Stroke - Options
P N D 3 - SM 0.375 - CE

Model
N - Nonrotating Twin Rod

Action
D - double acting

Bore
2 - 3/4"
3 - 1-1/16"
4 - 1-1/2"
5 - 2"

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

Series
P - Pancake II

Multi-Power® Series

Bimba Flat-1 cross-over to Fabco-Air Pancake® II

Series
FO2 - 2 stage extend, single stage retract
FO3 - 3 stage extend, single stage retract
FO4 - 4 stage extend, single stage retract

Bore Size
50 - 2-1/2"
70 - 3"
125 - 4"

Stroke Length
0.125 - 1/8"
0.250 - 1/4"
0.375 - 3/8"
etc.

Bimba Flat-1 Model Number Code

FO3 - 50 0.750 - 3 M

Bimba	Mounting Options	Fabco
Bimba	Mounting Description	Fabco
3	- Threaded mounting holes, both ends	HB
3F	- Threaded mounting holes, front	HF
3R	- Threaded mounting holes, rear	HR
4	- Screw clearance holes, both ends	CB
4F	- Screw clearance holes, front	CF
4R	- Screw clearance holes, rear	CR



Bimba	Model Options	Fabco
<i>Codes are entered in alphabetical order, except EE which is last</i>		
Bimba Code	Option Description	Fabco Code
CFT	- Coarse female rod thread, dimension E	TCF
CMT	- Male rod end with coarse thread	TCM
G	- Magnalube® G	Standard
L	- Low friction seals	L
M, M1, M3, M4	- Magnet on piston; switch mounting post For Fabco, specify option "E" and order spacer mounted clamp separately – or – use a Fabco "M" option below	E
Not available	- Magnet on piston with adhesive mounted dovetail extrusion for 1/4" dovetail sensors.	M, M1, M3, M4
MT	- Male rod end, fine thread	TFM
NT	- Non-threaded rod	TN
P2, P3, P4	- Front port position other than standard	P2, P3, P4
P6, P7, P8	- Rear port position other than standard	P6, P7, P8
Q	- Low temperature operation (-40°F to +200°F)	Q
T1, T3, T4	- Additional switch mounting post located in position 1, 3, or 4 For Fabco use spacer mounted clamps – or – "T" option below	T1, T3, T4
Not available	- Additional adhesive mounted dovetail extrusions in position 1, 3, or 4	T1, T3, T4
V	- Viton seals for media compatibility (-15°F to +225°F)	V
W	- Rod wiper, Buna N only	W
Y	- Moly-coat (MoS ₂ I.D. coating)	Not available
EE	- Extra rod extension	X
Example		
EE0.375	- 3/8" extra rod extension, etc.	X0.375, etc.
EE1	- 1" extra rod extension, etc.	X1, etc.

Pancake® II Model Number Code

Series	Model	Action	Bore	Mounting	Stroke	Options
P	M	3	6	HB	0.75	E or M

Model and Action

M2 - 2-stage extend, one retract

M3 - 3-stage extend, one retract

M4 - 4-stage extend, one retract

Bore

6 - 2-1/2"

7 - 3"

8 - 4"

Stroke

0.125 - 1/8"

0.250 - 1/4"

0.375 - 3/8"

0.500 - 1/2"

etc., thru

4.000 - 4"

Series

P - Pancake II

Multi-Position Series

Bimba Flat-1 cross-over to Fabco-Air Pancake® II

Bimba Flat-1 Model Number Code

Series	Bore Size		Stroke Length A	Stroke Length B
FOP Double acting, multiple position, single rod	02 - 1/2"	31 - 2"	0.250 - 1/4"	0.250 - 1/4"
	04 - 3/4"	50 - 2-1/2"	0.375 - 3/8"	0.375 - 3/8"
	09 - 1-1/16"	70 - 3"	0.500 - 1/2"	0.500 - 1/2"
	17 - 1-1/2"	125 - 4"	etc.	etc.

**Bimba Flat-1
Model Number
Code**

FOP - 31 0.375 / 1.500 - 3 V

Bimba Mounting Options Fabco

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

Bimba	Mounting Description	Fabco
1	Pivot mount pin in-line with port	SM
1N	Pivot mount pin 90° from port	PM
3	Threaded mounting holes, both ends	HB
3F	Threaded mounting holes, front	HF
3R	Threaded mounting holes, rear	HR
4	Screw clearance holes, both ends	CB
4F	Screw clearance holes, front	CF
4R	Screw clearance holes, rear	CR



Bimba Model Options Fabco

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

Bimba Code	Option Description	Fabco Code
CFT	Coarse female rod thread, dimension E	TCF
CMT	Male rod end with coarse thread	TCM
G	Magnalube® G	Standard
L	Low friction seals	L
M, M1, M3, M4	Magnet on piston; switch mounting post For Fabco, specify option "E" and order spacer mounted clamp separately – or – use a Fabco "M" option below	E
Not available	Magnet on piston with adhesive mounted dovetail extrusion for 1/4" dovetail sensors.	M, M1, M3, M4
MT	Male rod end, fine thread	TFM
NT	Non-threaded rod	TN
P2, P3, P4	Front port position other than standard	P2, P3, P4
P6, P7, P8	Rear port position other than standard	P6, P7, P8
Q	Low temperature operation (-40°F to +200°F)	Q
S	Stainless steel fasteners	Standard
T1, T3, T4	Additional switch mounting post located in position 1, 3, or 4 For Fabco use spacer mounted clamps – or – "T" option below	
Not available	Additional adhesive mounted dovetail extrusions in position 1, 3, or 4	T1, T3, T4
V	Viton seals for media compatibility (-15°F to +225°F)	V
W	Rod wiper, Buna N only (page 8)	W
Y	Moly-coat (MoS ₂ I.D. coating)	Not available
EE	Extra rod extension	X
Example		
EE0.375	3/8" extra rod extension, etc.	X0.375, etc.
EE1	1" extra rod extension, etc.	X1, etc.

Pancake® II Model Number Code

Series Model Action Bore - Mounting Stroke A / Stroke B - Options
P 3 D 4 - SM 0.375 / 1.500 - V

Series	Model and Action	Bore
P - Pancake II	3D - 3-position, double acting	1 - 1/2" 2 - 3/4" 3 - 1-1/16" 4 - 1-1/2" 5 - 2" 6 - 2-1/2" 7 - 3" 8 - 4"

Stroke A	Stroke B
0.125 - 1/8"	0.125 - 1/8"
0.250 - 1/4"	0.250 - 1/4"
0.375 - 3/8"	0.375 - 3/8"
0.500 - 1/2"	0.500 - 1/2"
etc., thru	etc., thru
4.000 - 4"	4.000 - 4"