

Pressure Compensated Flow Control Valve

Screw Type

Knob Type

Solenoid Type

Solenoid & Modular Type

Temperature and Pressure Compensated Flow Control Valve



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Pressure Compensated Flow Control Valve

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FKC

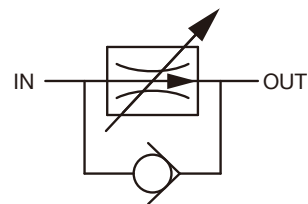


FKC-02



FKC-03

SYMBOLS



ORDER CODES

FKC - 02 - 04

1

2

3

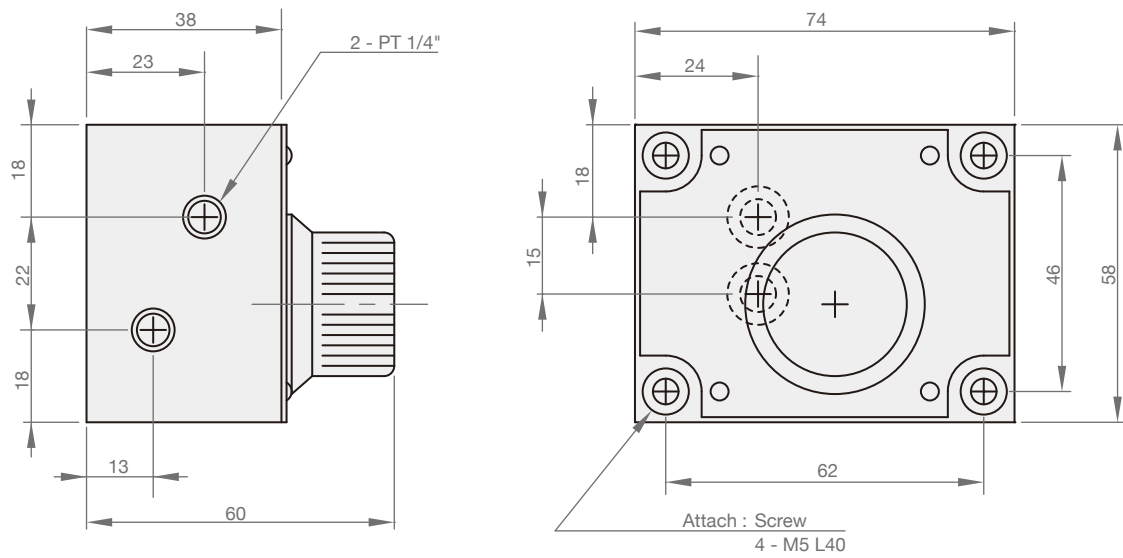
1	Model Name	FKC	
2	Thread Connection	02	PT 1/4"
		03	PT 3/8"
3	Max. Operating Flow	01	1 l/min
		02	2 l/min
		04	4 l/min
		08	8 l/min

MODEL SPEC.

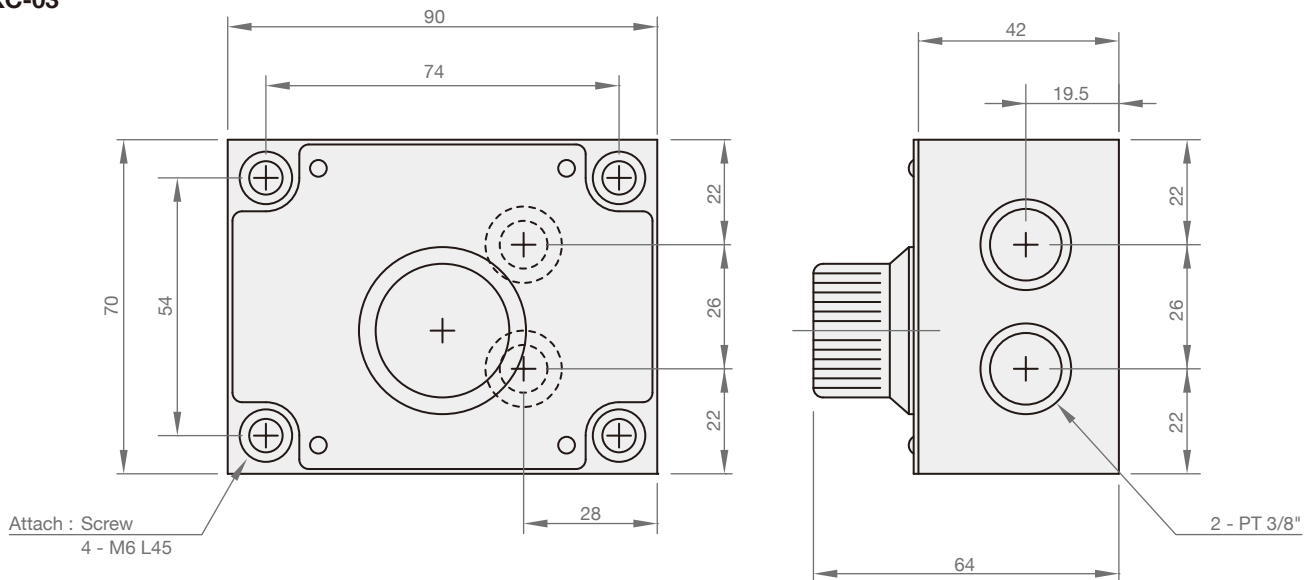
Model	Free Flow (l/min)	Max. Operating Pressure (kgf/cm ²)	Max. Operating Flow (l/min)	Weight (kg)
FKC-02	30	150	1, 2, 4, 8	1.2
FKC-03	50	150	1, 2, 4, 8	2

* The most common max. operating flow is 4 l/min.

► FKC-02



► FKC-03



FKC-L

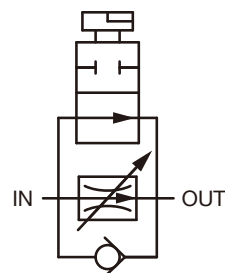


FKC-02L



FKC-03L

SYMBOLS



ORDER CODES

FKC - **02** **L** - **04**

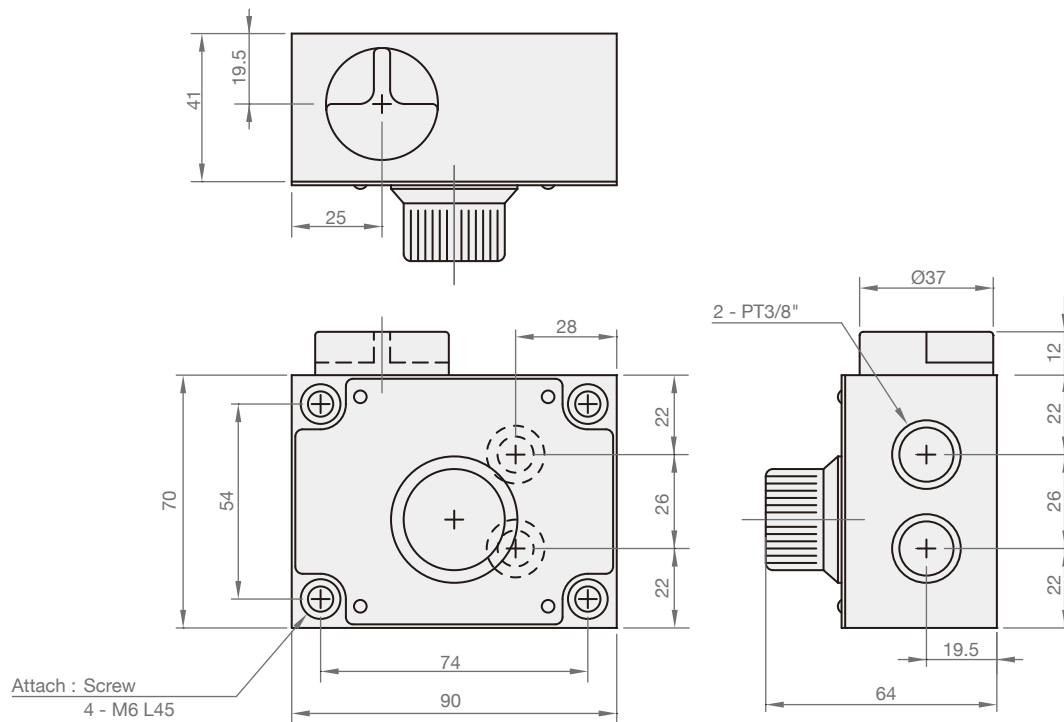
1 2 3 4

1	Model Name	FKC	
2	Thread Connection	02	PT 1/4"
		03	PT 3/8"
3	Knob Side	L	knob on the left side
4	Max. Operating Flow	01	1 l/min
		02	2 l/min
		04	4 l/min
		08	8 l/min

MODEL SPEC.

Model	Free Flow (l/min)	Max. Operating Pressure (kgf/cm ²)	Max. Operating Flow (l/min)	Weight (kg)
FKC-02L	30	70	1, 2, 4, 8	1.3
FKC-03L	50	70	1, 2, 4, 8	2.1

* The most common max. operating flow is 4 l/min.



FKC-R

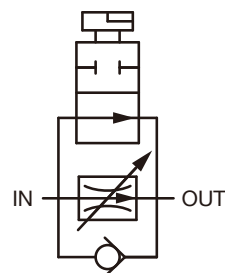


FKC-02R



FKC-03R

SYMBOLS



ORDER CODES

FKC - **02** **R** - **04**

1 2 3 4

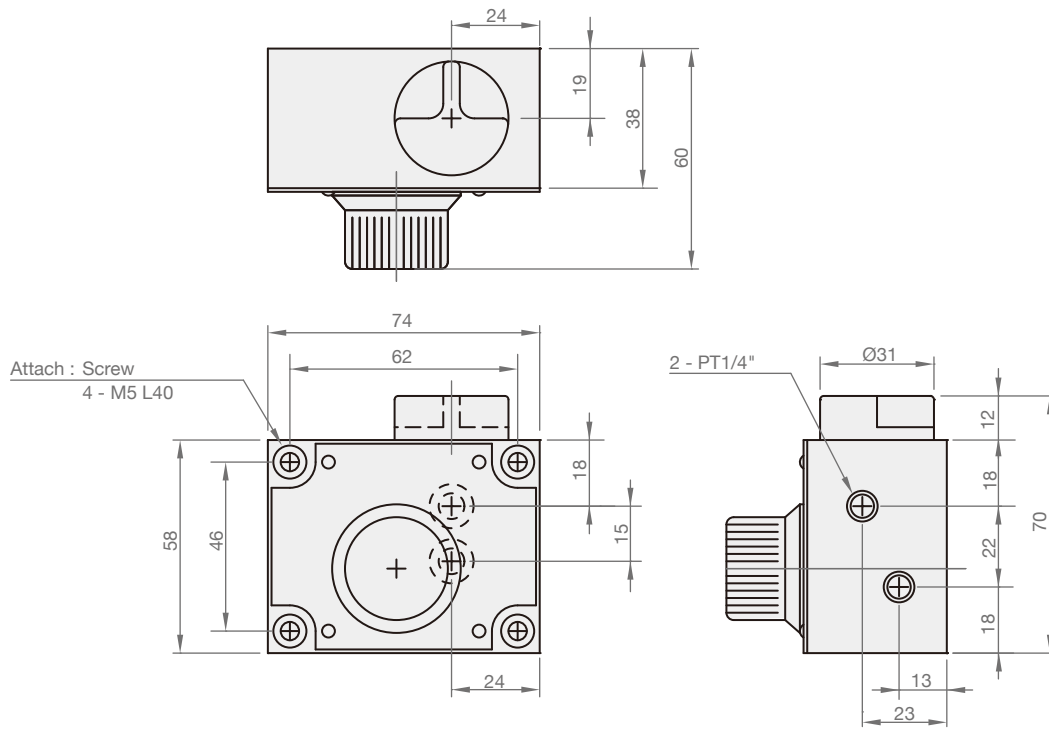
1	Model Name	FKC	
2	Thread Connection	02	PT 1/4"
		03	PT 3/8"
3	Knob Side	R	knob on the right side
4	Max. Operating Flow	01	1 l/min
		02	2 l/min
		04	4 l/min
		08	8 l/min

MODEL SPEC.

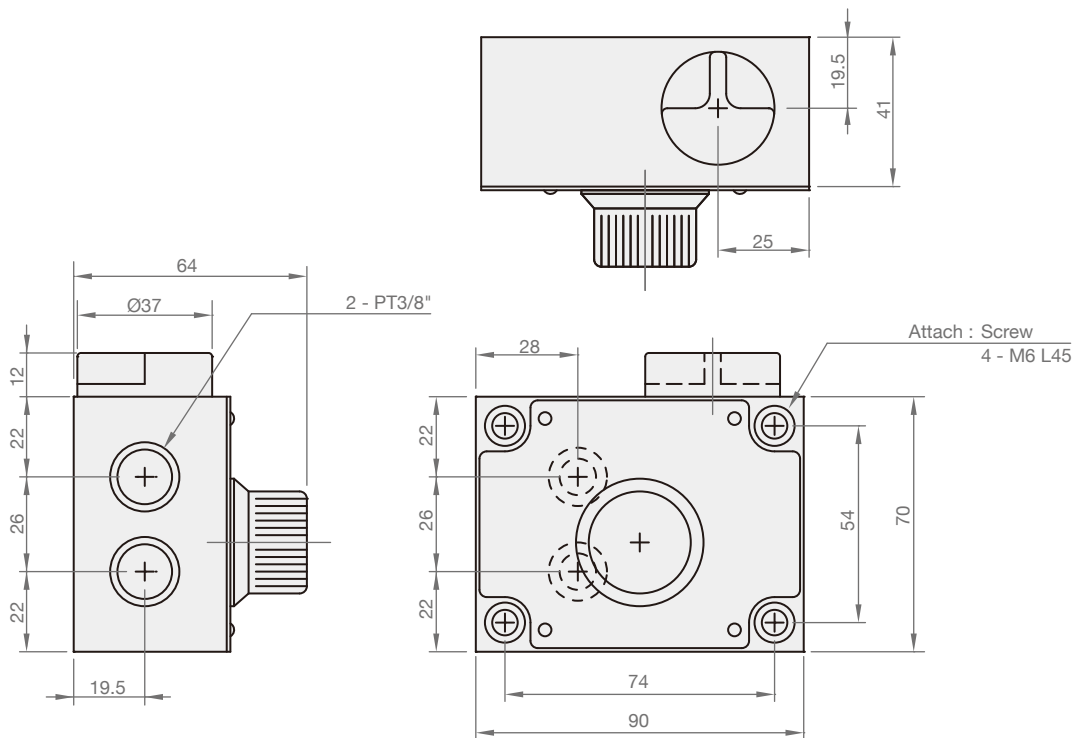
Model	Free Flow (l/min)	Max. Operating Pressure (kgf/cm ²)	Max. Operating Flow (l/min)	Weight (kg)
FKC-02R	30	70	1, 2, 4, 8	1.3
FKC-03R	50	70	1, 2, 4, 8	2.1

* The most common max. operating flow is 4 l/min.

► FKC-02R



► FKC-03R



FKC-C

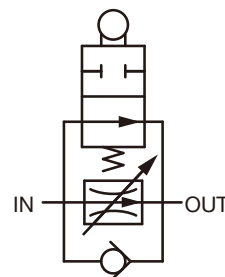


FKC-02C



FKC-03C

SYMBOLS



ORDER CODES

FKC - **02** **C** - **04**

1 2 3 4

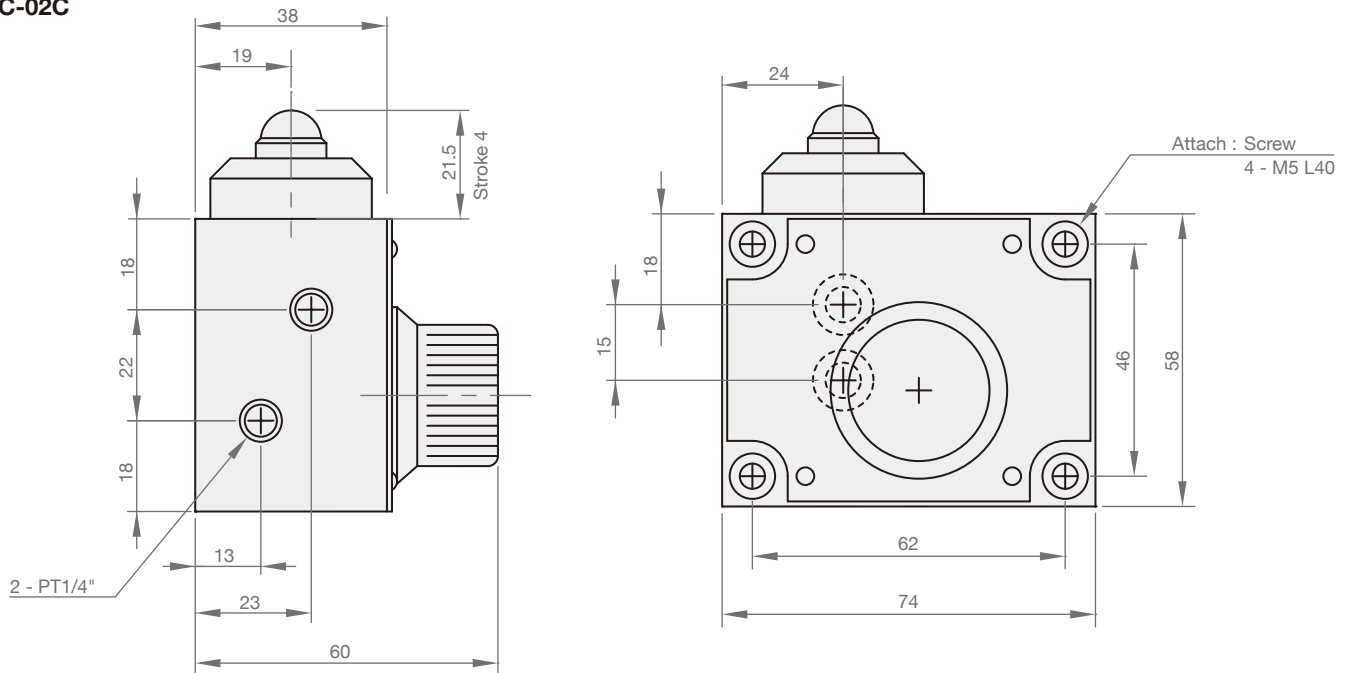
1	Model Name	FKC	
2	Thread Connection	02	PT 1/4"
		03	PT 3/8"
3	Knob Side	C	knob type
4	Max. Operating Flow	01	1 l/min
		02	2 l/min
		04	4 l/min
		08	8 l/min

MODEL SPEC.

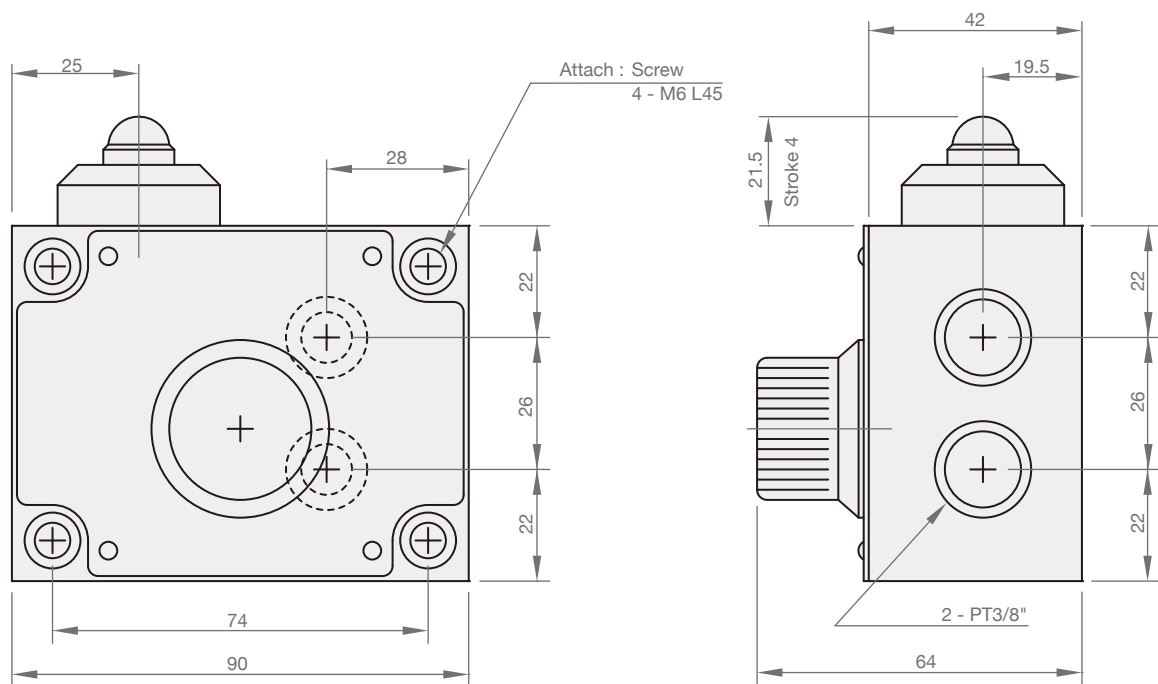
Model	Free Flow (l/min)	Max. Operating Pressure (kgf/cm ²)	Max. Operating Flow (l/min)	Weight (kg)
FKC-02C	30	150	1, 2, 4, 8	1.3
FKC-03C	50	150	1, 2, 4, 8	2.1

* The most common max. operating flow is 4 l/min.

► FKC-02C



► FKC-03C



FKC-S

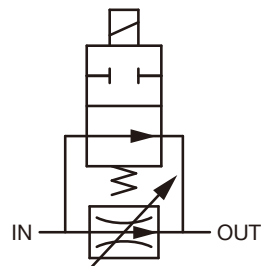


FKC-02S



FKC-03S

SYMBOLS



ORDER CODES

FKC - 02 S - 04 - A1

1 2 3 4 5

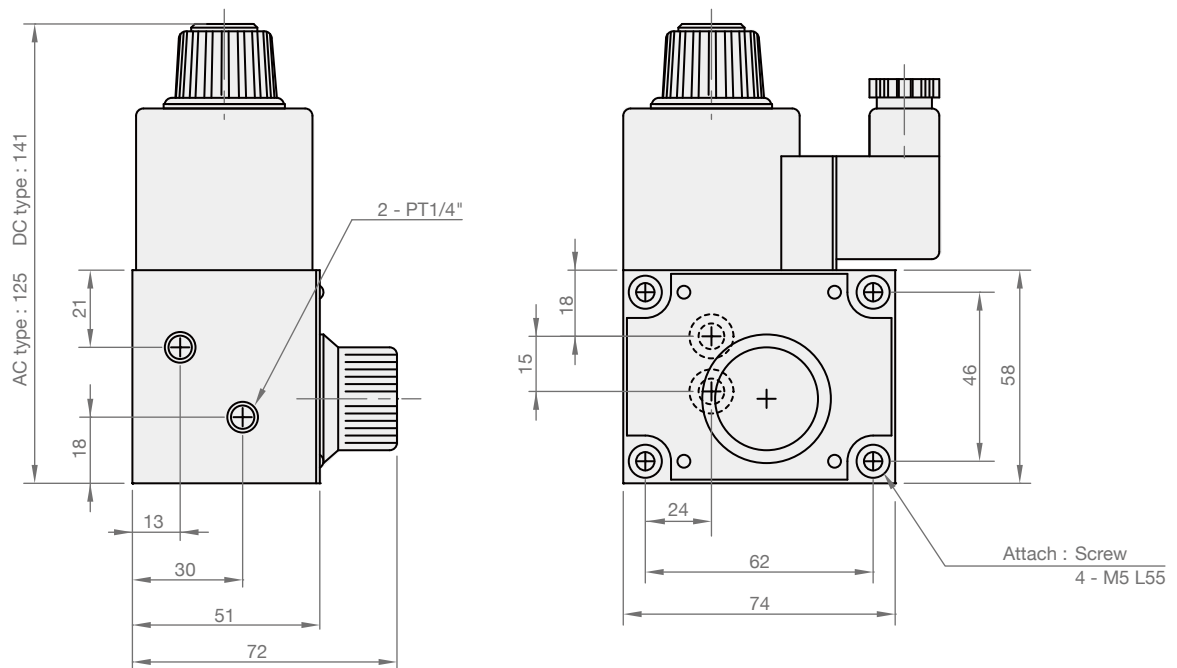
1	Model Name	FKC	
2	Thread Connection	02	PT 1/4"
		03	PT 3/8"
3	Solenoid Type	S	
4	Max. Operating Flow	01	1 l/min
		02	2 l/min
		04	4 l/min
		08	8 l/min
		16	16 l/min
5	Power Source	A1	AC 110V, 50/60Hz
		A2	AC 220V, 50/60Hz
		D1	DC 12V
		D2	DC 24V

MODEL SPEC.

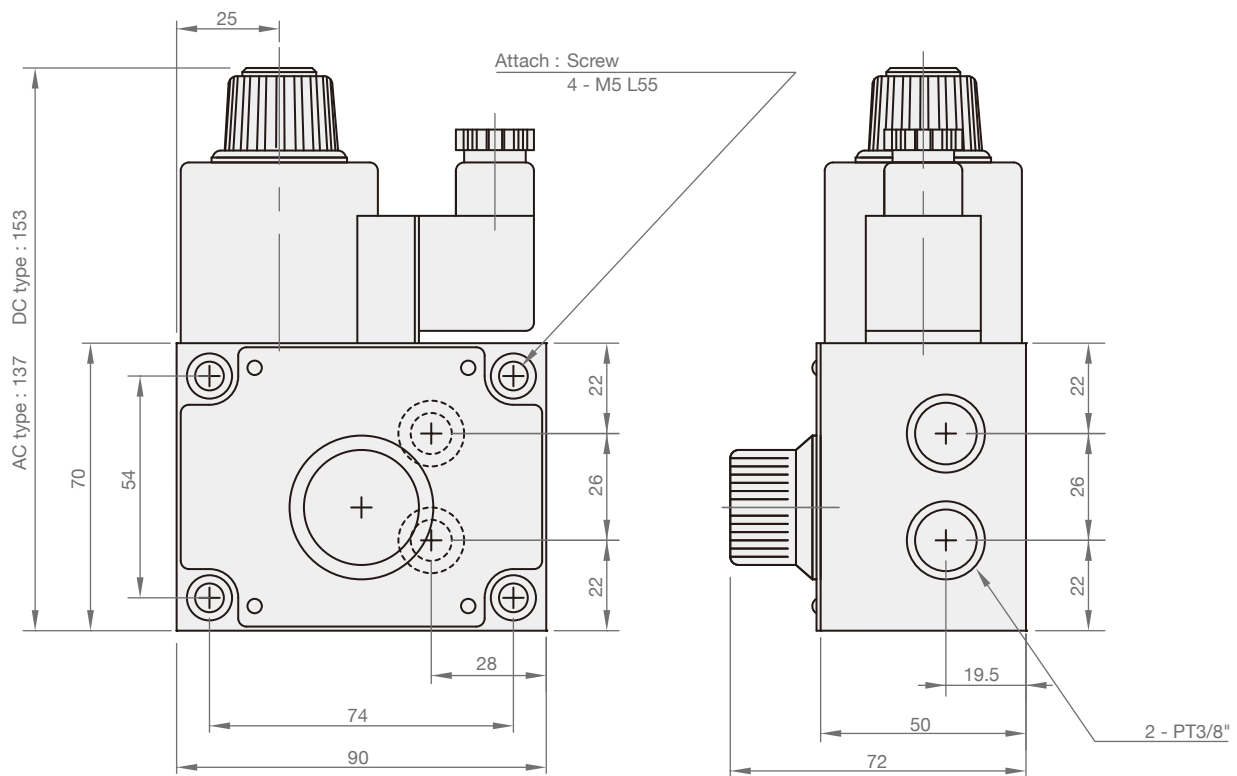
Model	Free Flow (l/min)	Max. Operating Pressure (kgf/cm ²)	Max. Operating Flow (l/min)	Weight (kg)	
				AC type	DC type
FKC-02S	30	150	1, 2, 4, 8	1.6	1.8
FKC-03S	50	150	1, 2, 4, 8	2.4	2.6

* The most common max. operating flow is 4 l/min.

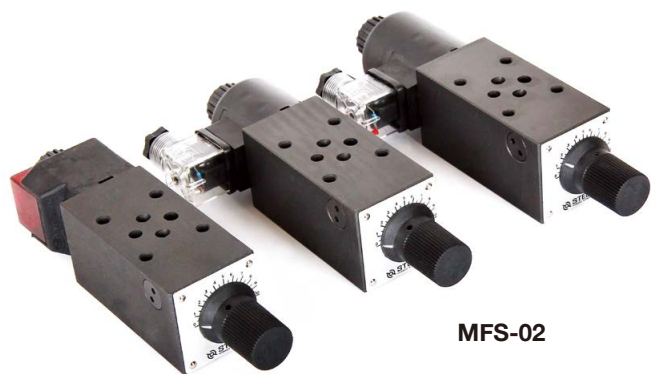
► FKC-02S



► FKC-03S



MFS

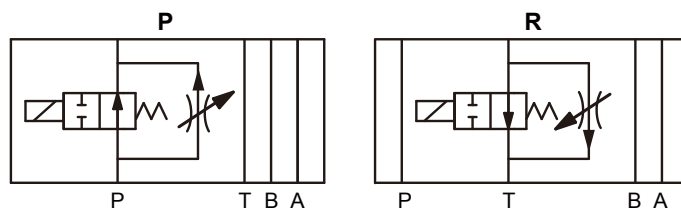


MFS-02



MFS-03

SYMBOLS



ORDER CODES

MFS - **02** **B** - **04** **R** - **A1**

1 2 3 4 5 6

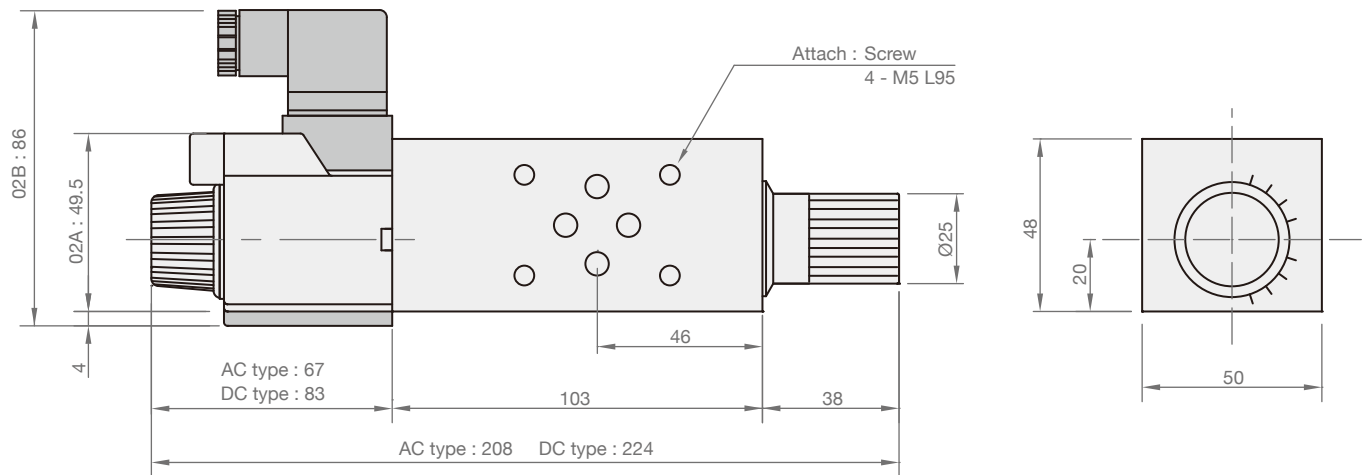
1	Model Name	MFS	
2	Thread Connection	02	1/4"
		03	3/8"
3	Solenoid Appearance	A	standard type
		B	DIN connector type
4	Max. Operating Flow	01	1 l/min
		02	2 l/min
		04	4 l/min
		08	8 l/min
5	Hydraulic Circuit Type	R	
		P	
6	Power Source	A1	AC 110V, 50/60Hz
		A2	AC 220V, 50/60Hz
		D1	DC 12V
		D2	DC 24V

MODEL SPEC.

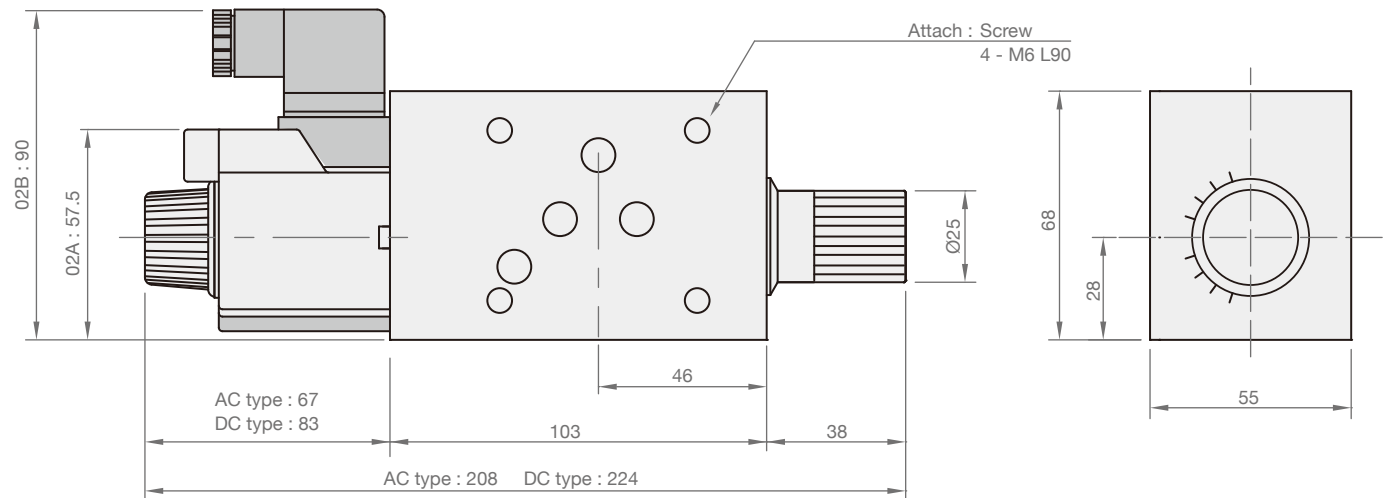
Model	Free Flow (l/min)	Max. Operating Pressure (kgf/cm ²)	Max. Operating Flow (l/min)	Weight (kg)	
				AC type	DC type
MFS-02	30	150	1, 2, 4, 8	2.4	2.6
MFS-03	50	150	1, 2, 4, 8	3.4	3.6

* The most common max. operating flow is 4 l/min.

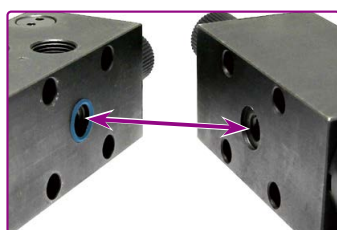
► MFS-02



► MFS-03

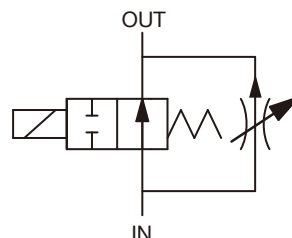


TFS



If you need a two-speed flow control, please remove the oil blocker, and put P12 seal on the connector.

SYMBOLS



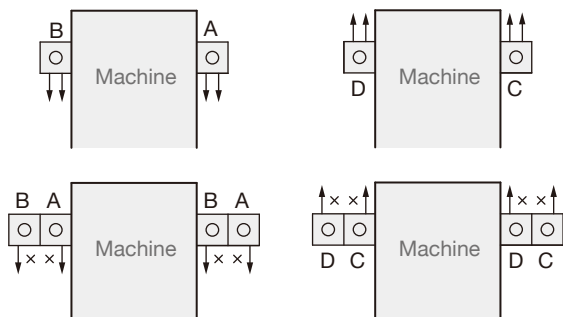
ORDER CODES

TFS - **04** **A** - **A1**

1 2 3 4

1	Model Name	TFS	
2	Max. Operating Flow	01	1 l/min
		02	2 l/min
		04	4 l/min
		08	8 l/min
3	Installation Type	A, B, C, D	
4	Power Source	A1	AC 110V, 50/60Hz
		A2	AC 220V, 50/60Hz
		D1	DC 12V
		D2	DC 24V

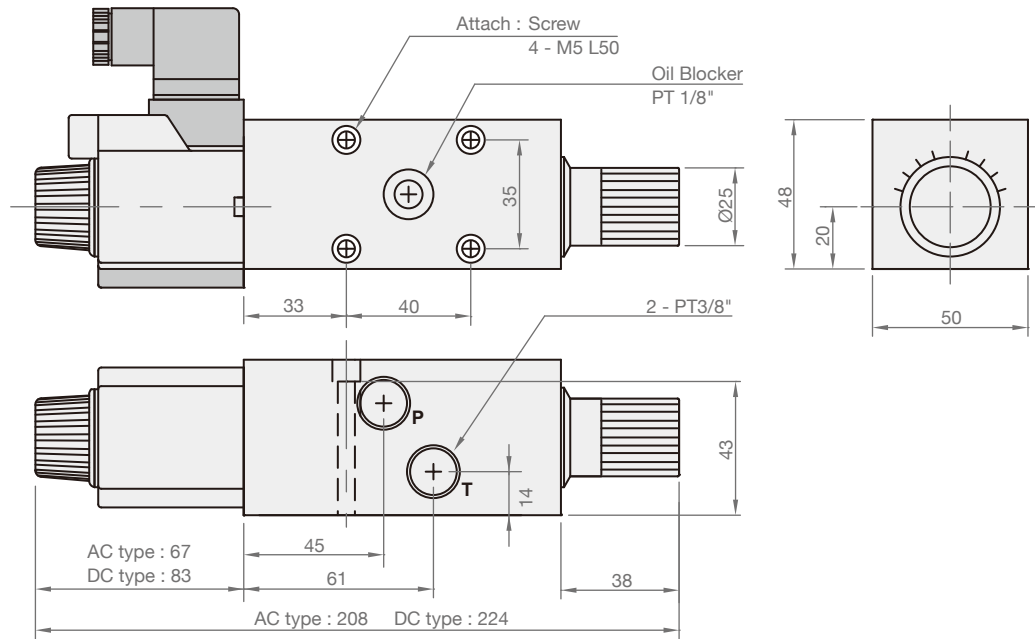
INSTALLATION TYPE



MODEL SPEC.

Model	Free Flow (l/min)	Max. Operating Pressure (kgf/cm ²)	Max. Operating Flow (l/min)	Weight (kg)	
				AC type	DC type
TFS	50	150	1, 2, 4, 8	2.4	2.6

* The most common max. operating flow is 4 l/min.



FG, FCG

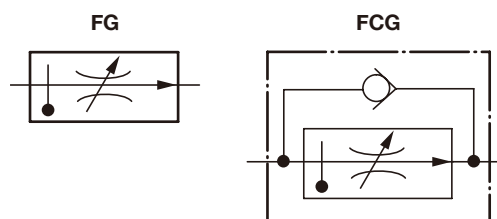


FG, FCG-01



FG, FCG-02

SYMBOLS



ORDER CODES

FCG - **02** **G** - **30** - **N** - **50**

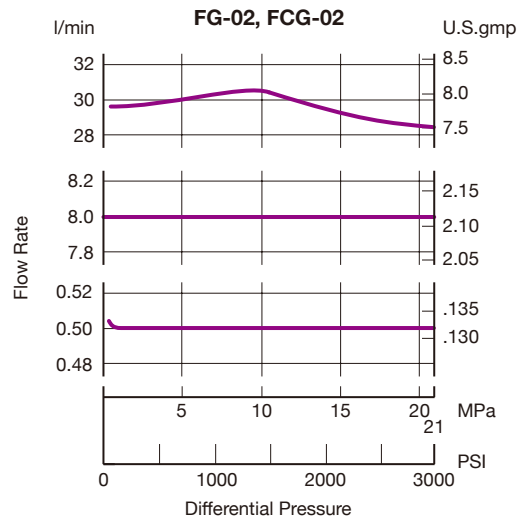
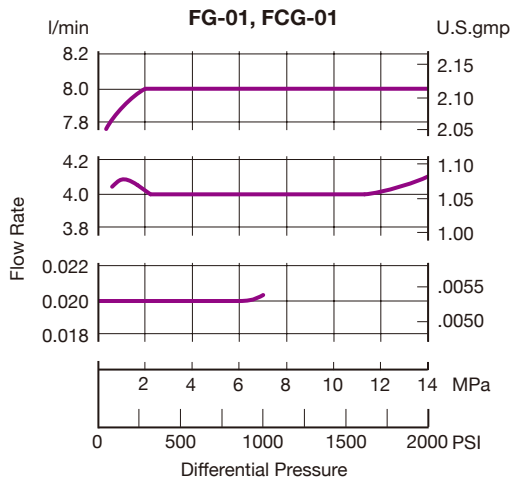
1 2 3 4 5 6

1 ▶	Model Name	FG	flow control valve
		FCG	flow control valve with check valve
2 ▶	Thread Connection	01	1/8" PT thread
		02	3/8" PT thread
3 ▶	Mounting Type	G	sub-plate mounted
4 ▶	Max. Flow Rate	8	8 l/min
		30	30 l/min
5 ▶	Pressure and Temperature Compensated	N	
6 ▶	Design Number	50	

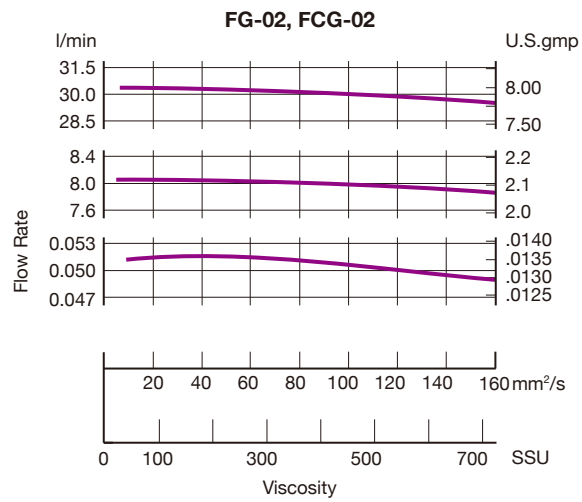
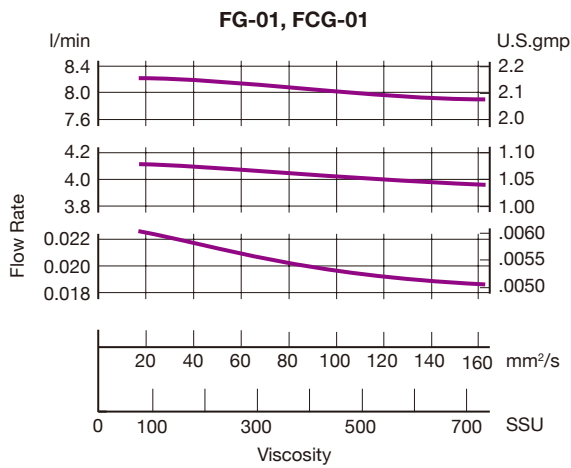
MODEL SPEC.

Model	Max. Metered Flow Capacity (l/min)	Max. Pressure (kgf/cm ²)	Weight (kg)	Attachment
FG-01G-8 FCG-01G-8	0.02 ~ 8	210	1.4	Screw: M5 L55 - 4 pieces O-ring: 1B-P9 - 1 set
FG-02G-30 FCG-02G-30	0.05 ~ 30	210	4.1	Screw: M8 L50 - 4 pieces O-ring: 1B-P18 - 1 set

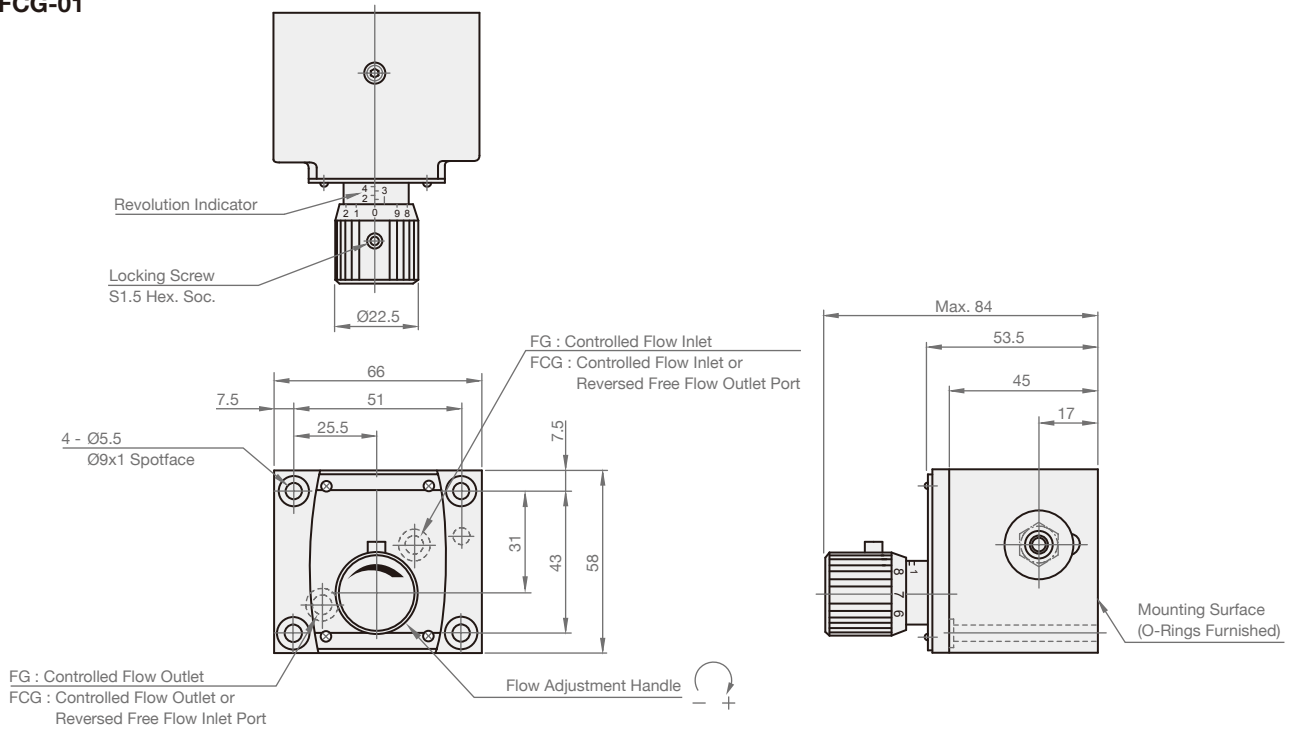
► Metred Flow vs. Differential Pressure



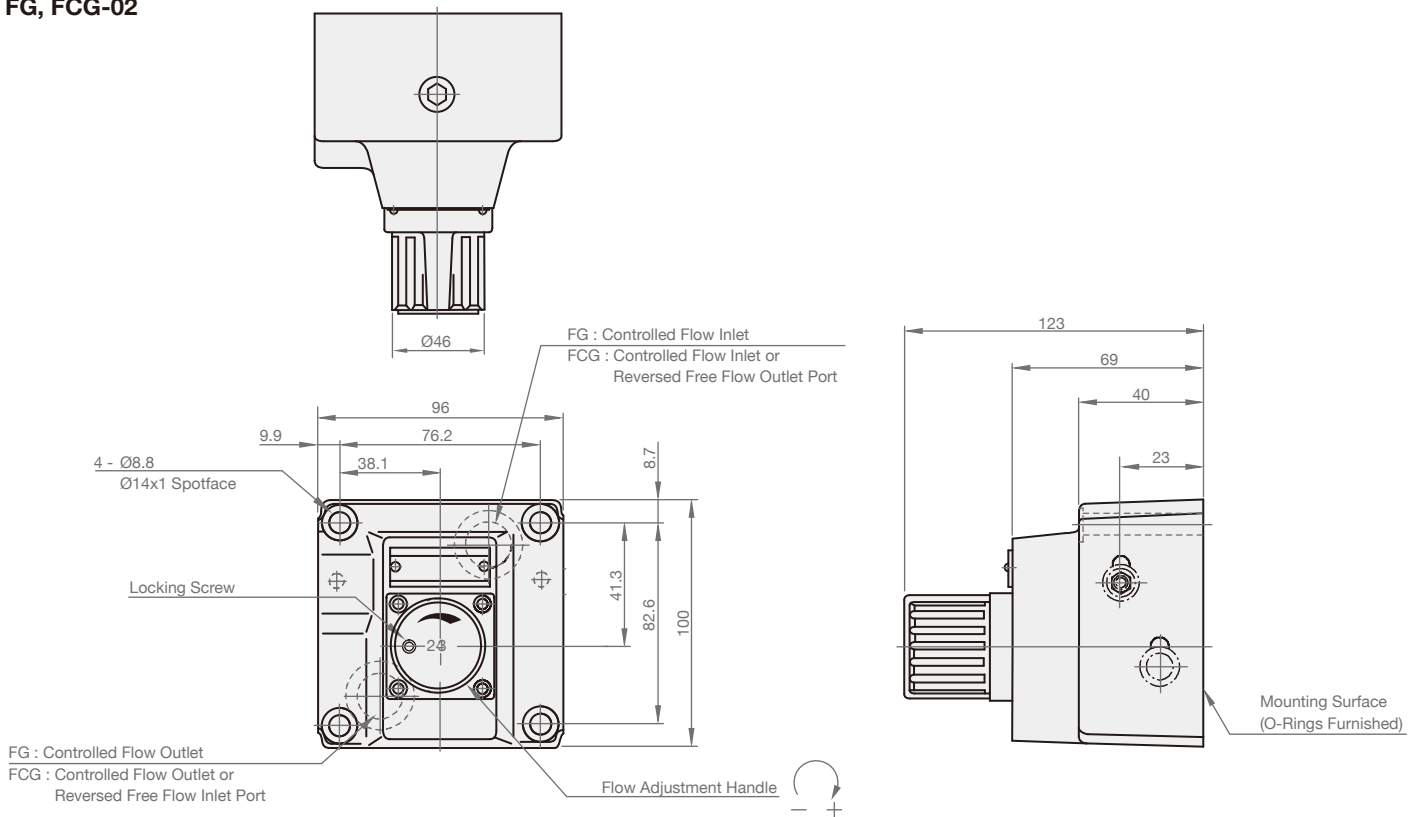
► Metred Flow vs. Viscosity



► **FG, FCG-01**



► **FG, FCG-02**



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