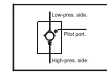


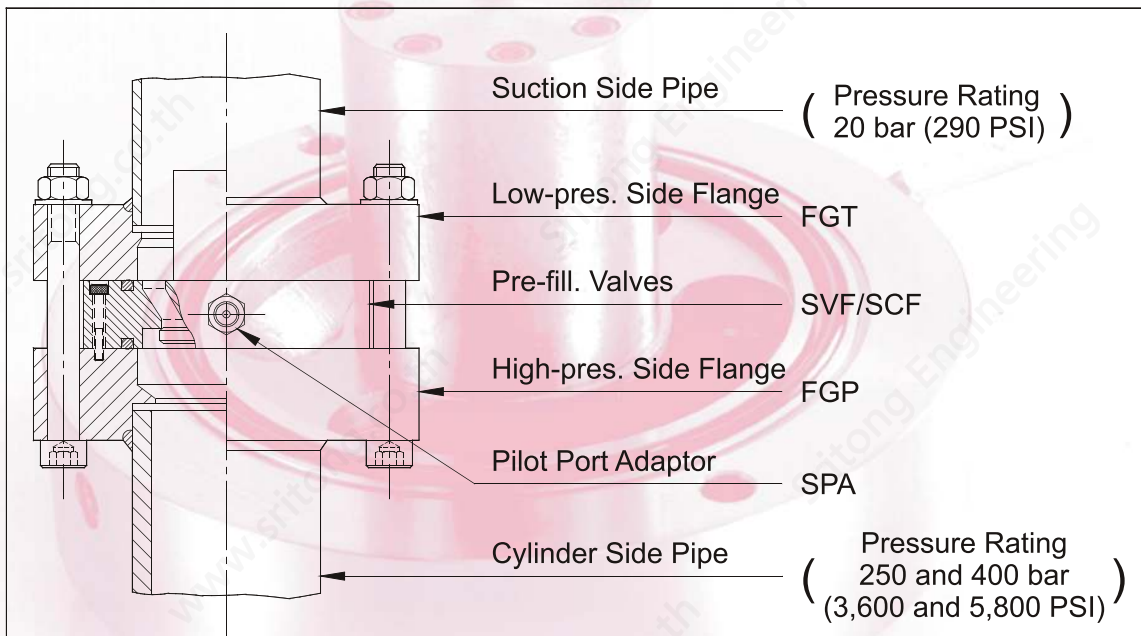
## PRE-FILL VALVES (Flange-clamped type)

### Features:

- Small size , and easy to install.
- Low pressure loss with high flow capacity.
- Compact and robust.
- Steel body with steel components.  
available with 8 models for selection options.
- Ductile iron body with steel Components.  
available with 6 models for selection options.
- Good for directly intergrated onto the cylinder cap side.



SYMBOL



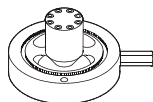
### Pre-fill valve

#### Ordering Code

**SVF - 100 - 21C**

①                      ②                      ③

- ① Series  
SVF-Steel body  
SCF-Ductile iron body
- ② Size  
SVF- 32~200  
SCF- 32~125
- ③ Design Number  
SVF- 21C  
SCF- 22C



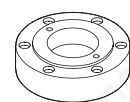
### Pipe Flange

#### Ordering Code

**FGP - 100 - 2 - M22 / 5B**

△1                      △2                      △3                      △4                      △5

- △1 Series  
FGP-High-pres. side flange  
FGT-Low-pres. side flange
- △2 Size
- △3 Pressure range  
2: 250 bar (3,600 PSI)  
4: 400 bar (5,800 PSI)
- △4 Normal bolt diameter
- △5 Normal pipe diameter



D



## PRE-FILL VALVES (Flange-clamped type)

### Specifications:

Model	Flow Q <sub>max.</sub>	Pres. P <sub>max.</sub>	Pilot Ratio	Flange bolts		Pipe Size	Weight kg(lb)
	lpm (USgpm)	bar (PSI)	P control /P cyl.	Number	Nor. Dia.		
SVF- 32-21C	160(42.27)	400 (5,800)	3.6	4	M16	2B	1.3(2.86)
SVF- 50-21C	400(105.98)		3.8	6	M16/M24*	3B	2.9(6.39)
SVF- 63-21C	630(166.44)		4.2	8	M16/M24*	3.5B/4B	4.5(9.91)
SVF- 80-21C	1,000(264.19)		4.3	8	M16/M24*	4B	6.2(13.66)
SVF-100-21C	1,600(422.70)		4.3	8	M22/M30*	5B	12.3(27.09)
SVF-125-21C	2,500(660.48)		4.3	12	M24/M30*	8B	23.0(50.66)
SVF-160-21C	4,000 (1,056.76)	250 (3,600)	4.2	16	M30	10B	50.0(110.13)
SVF-200-21C	7,000 (1,849.33)		4.1	20	M30	12B	130.0(286.34)

Note: \* For working pressure up to 400 bar (5,800PSI)

SCF- 32-22C	160(42.27)	250 (3,600)	3.6	4	M16	2B	1.3(2.86)
SCF- 50-22C	400(105.98)		3.8	6	M16	3B	2.9(6.39)
SCF- 63-22C	630(166.44)		4.2	8	M16	3.5B/4B	4.5(9.91)
SCF- 80-22C	1,000(264.19)		4.3	8	M16	4B	6.2(13.66)
SCF-100-22C	1,600(422.70)		4.3	8	M22	5B	12.3(27.09)
SCF-125-22C	2,500(660.48)		4.3	12	M24	8B	23.0(50.66)

### Flow Curve:

