

BALANCING VALVES(Pressure Reducing and Relief Valve)

SGR SERIES

平衡閥

◆ MODEL 型 式 SGR-03



◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Maximum Flow 最大流量 lpm	Weight 重量 Kg
SGR-03	250 (3625 psi)	1/4"	40 (10.57 gpm)	3.3 (7.28 lbs)
SGR-06	250 (3625 psi)	3/4"	100 (26.41 gpm)	7 (15.4 lbs)
Fluid Type 液體型別		ISO VG 32, 46, 68		
Viscosity 黏性 cSt		10~400 (59~1854 SSU)		
Operating Temperature 操作溫度 °C		-15~70 (-5~158°F)		
Contamination Level 污染標準		ISO4406, 21/19/16 NAS1638,10		

● All screws with metric measure , if require inch measure , please contact us.

所附圖紙皆為公制標準規格品，若需英制規格請另外備註說明。

◆ HOW TO ORDER 備註說明

1	2	3	4	5
SGR	03	G	1	30

1 VALVE SERIES 系列名稱

SGR=Balancing Valves
(Pressure Reducing and Relief Valve)

4 PRESSURE ADJUSTMENT 壓力調整範圍

1. 7 - 70 bar
2. 8 - 140 bar
3. 10 - 210 bar

2 SUBPLATE MOUNTING SIZE: 銅罩口徑

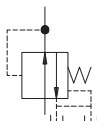
03 = 3/8"(9mm) 06= 3/4"(19mm)
ISO CETOP5 ISO CETOP8
DIN NG 10 DIN NG 25
NFPA D05 NFPA D08

5 DESIGN NO 設計編號

3 CONNECTING TYPE 連接型式

G:TYPE:BASEPLATE MOUNTING TYPE (板式連接)

◆ CONTROL PORT(S) 動作形式



◆ PERFORMANCE 性能

Test Conditions 測試條件

Oil Temperature 油溫: 50°C (122°F)

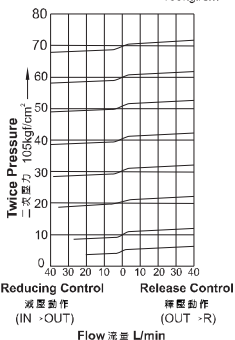
Viscosity 黏度: 35 cSt (163 SSU)

- When the pressure draining valve is opened, they control the pressure drop of the fluid blow in reverse direction. Simplify the pipe distribution. In the past pressure the reducing valve, the pressure release valve and the are combined to control the pipe distribution. Now one of these valves can solve all above needs.
- Increase accuracy.
- The pressure change caused by the change of the load flow is very small, so the accuracy can be increased.
- Regulating pressure just needs to turn one knob.
- Because it is an external draining type, they are not effected by the negative pressure of the flow-back pipes.

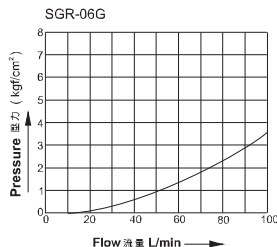
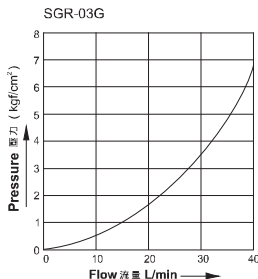
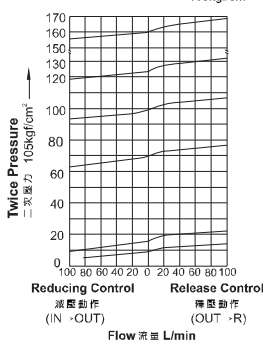
- 可以簡化管路(配管)
以前需要用到減壓閥,釋壓閥,共同組合控制的管路,現在只要1個這種閥類就可以全部解決。
- 可以提高精密度
因為隨著負荷流量變化所引起的壓力變化很小,所以可以簡化精密度。
- 只要操作一個把手(旋鈕)就可以調整壓力。
- 因為是拆取外部排氣方式,所以不會受到回流管線的負壓影響。

Flow-Puressure Characteristic

SGR-03G

Once Pressure 一次壓力 105kgf/cm²

SGR-06G

Once Pressure 一次壓力 105kgf/cm²

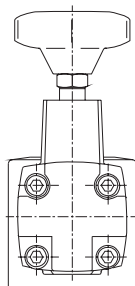
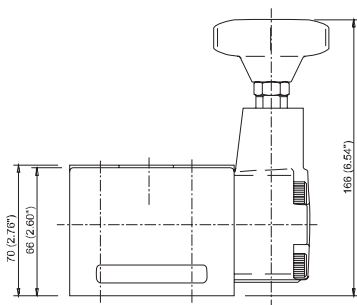
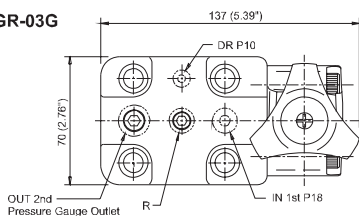
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平衡閥

◆ DIMENSIONS 外型尺寸圖

SGR-03G



◆ Mounting Interface 基座尺寸圖

SGR-03G

