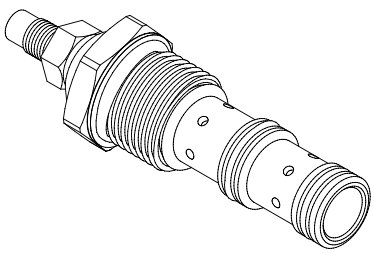
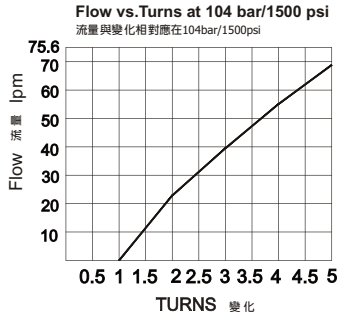
◆MODEL 型 式

VF-12



◆ PERFORMANCE(Cartridge Only) 特性曲線



◆DESCRIOTION 說明

A screw-in, cartridge-style, adjustable orifice, pressure-compensted, manually-operated, bypass-type hydraulic flow regulating valve . it can be used as a priority-type flow regulator or a restrictive-type 2-way flow regulator when the bypass port is blocked. The VF maintains a constant flow rate from ③ regardless of load pressure changes in the system downstream of ③ ,or in the bypass leg at ② .Reverse flow (③ to ①) bypasses the control orifice.
The regulated flow increases form closed to fully open, with counter-clockwise rotation of the knob.
Note: When used as a bypass flow control in applications where the priority flow port will be blocked by external valving, bypass pressure drop will increase unless a small amount of leakage is provided for the priority port. Consult factory.

螺紋插裝式,節流孔可調壓力補償,手動操作旁通型流量調節閥,可以用作優先型流量調節閥或當封閉旁路油口 ②時可以用作二通節流型流量調節閥.
VF型,從③流出的流量保持不變,不受③的下游回路或旁路②的負載壓力變化影響,反向液流(③流向①不經過控制節流孔.
逆時針轉動手柄,調節流量從閉合到完全打開時逐漸增加.
註:當用作旁路流量控制且優先油口由其他的鎖封閉時,除非優先油口有小量洩漏,否則旁路壓降將增加.

◆SPECIFICATIONS 規 格

Model Number 型式號碼	Operating Pressure 操作壓力 bar	Maximum Flow 最大流量 lpm	Weight 重 量 Kg
VF-12	240 (3481 psi)	114 (30.12 gpm)	0.4 (0.88 lbs)
Fluid Type 流體型式		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	

- **Flow Rate**(額定流量)**: 3-Proted regulated flow**(油口 ③ 調節量(優先+旁通))**: 0~68 lpm (0~18 gpm)**
- **Input Flow**(入口流量)**: 3-Proted**(優先+旁通)**: 76 lpm (20 gpm) nominal**(標稱)**; 114 lpm (30 gpm) max**(最大)

◆ HOW TO ORDER 編號說明

1		2		3
VF		12	—	*

1 VALVE SERIES 系列名稱

VF= PRIORITY FLOW DIVIDER VALVE(Compensating type)
優先分流閥(補償型)

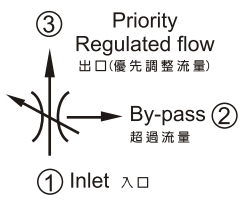
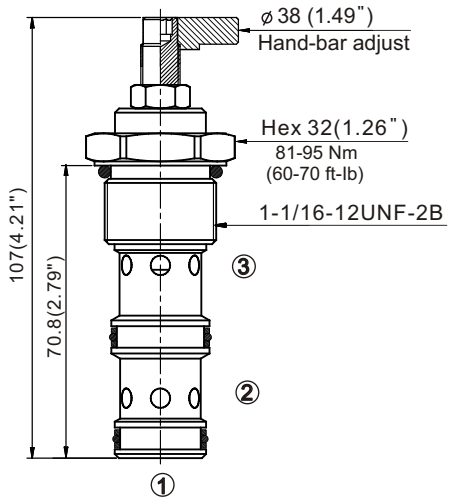
2 SUBPLATE MOUNTING SIZE 稱呼口徑

Size:12
Cavity 孔口:CS12-3N
See Page Appendixes-A_002
見附錄A_002頁面

3 ADJUSTMENT OPTION 調整選擇

NONE	NONE:TOOL ADJUST 無：工具調整式	
K	K:HAND-BAR ADJUST K：手把調整式	
C	C: NUT ADJUST C：螺帽調整式	

◆ CONTROL PORT(S) 動作形式



◆ DIMENSIONS 外型尺寸圖