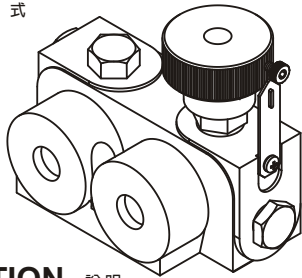


FLOW CONTROL VALVES 流量控制閥

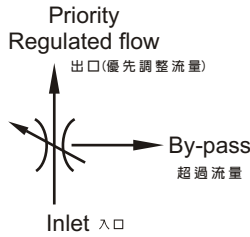
VF SERIES PRIORITY FLOW DIVIDER VALVES VF 系列優先分流閥

◆ MODEL 型 式

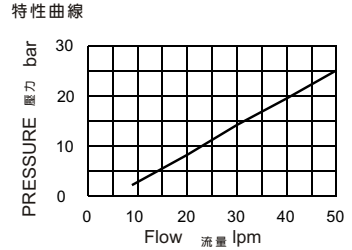
VF-50



◆ CONTROL PORT(S) 動作形式



◆ PERFORMANCE (Cartridge Only) 特性曲線



◆ DESCRIPTION 說明

A screw-in, cartridge-style, adjustable orifice, pressure-compensated, 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 from 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	Maximum Pressure 最大壓力 bar	Maximum Flow 最大流量 lpm	Weight 重量 Kg
VF-50	248 (3597 psi)	49 (12.94 gpm)	0.75 (1.65 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		

● All of with Screens it's Cent meter Size and If required Inch Size 所附螺絲皆為公制標準規格品，若需英制螺絲請另外備註說明。

◆ HOW TO ORDER 編號說明

1	2	3
VF50	— 30	— T

1 VALVE SERIES 系列名稱

VF50= PRIORITY FLOW DIVIDER VALVE (Compensating Type)
優先分流閥(補償型)

2 REGULATED FLOW CAPACITY 調整控制流量

15 : 0~16 | 30 : 0~32 |

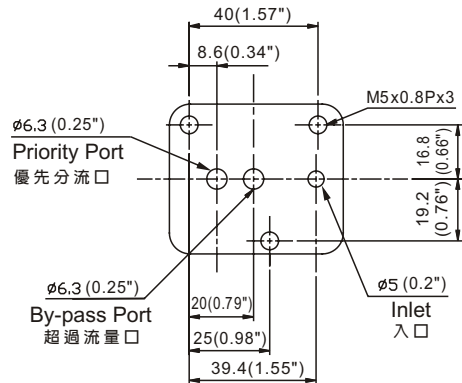
3 CONNECTING TYPE 連接型式

T: TYPE: THREADING TYPE (螺紋連接) (3/8PT)

G: TYPE: BASEPLATE MOUNTING TYPE (板式連接)

◆ Mounting Interface 基座尺寸圖

(BASEPLATE MOUNTING TYPE 板式連接)



◆ DIMENSIONS 外型尺寸圖 (THREADING TYPE 螺紋連接)

