



● FR10-39 壓力補償節流閥

FR10-39 壓力補償節流閥 Flow Regulator, Pressure Compensated Valve

描述 DESCRIPTION

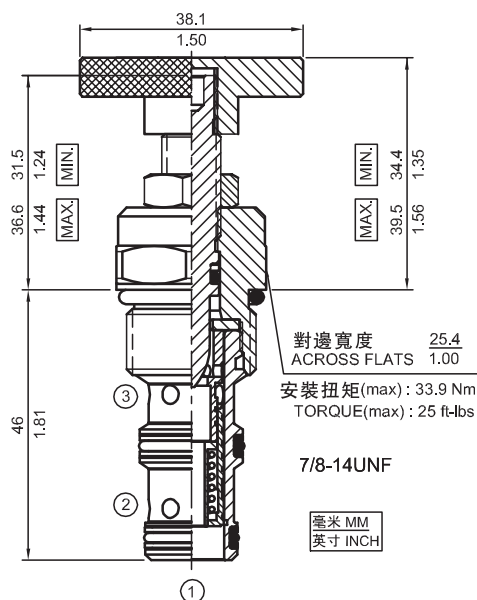
螺紋插裝式，節流孔可調，壓力補償，手動操作旁通型流量調節閥。可以用作優先型流量調節閥或當封閉旁路油口②時可以用作二通節流型流量調節閥。

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 (port ②) is blocked.

工作原理 OPERATION

FR10-39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。

The **FR10-39** 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.



注：當用作旁路流量控制而且優先油口由其他的鎖封閉時，除非優先油口有少量泄漏，否則旁路壓降將增加。請聯系工廠。

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.

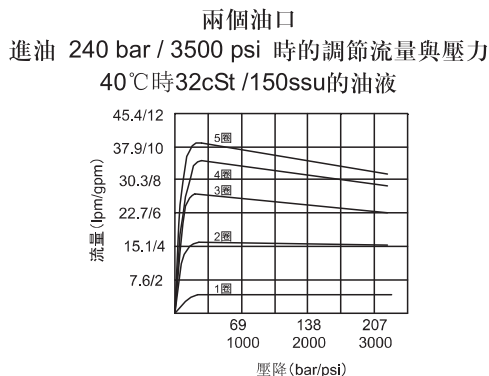
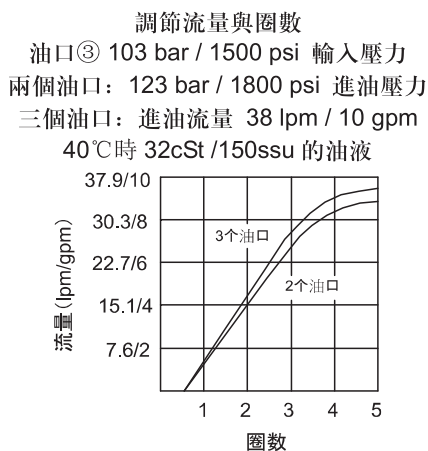
特性

SPECIFICATIONS

符號 SYMBOL	
工作壓力 PRESSURE	240 bar 3500 psi
流量 FLOW	三油口 (3-ported): 38 L/min (10 gpm) 兩油口 (2-ported): 34 L/min (9 gpm)
內漏 LEAKAGE	≤ 33 ml/min at 207 bar (3000 psi)
密封材料/溫度範圍 SEAL MATERIAL/ TEMPERATURE	丁腈橡膠 -30℃ ~ +100℃ BUNA-N -20°F ~ +210°F 氟橡膠 -20℃ ~ +150℃ VITON -4°F ~ +330°F
過濾 FILTRATION	≤ 25 MICRONS
介質 FLUID	礦物油或具有潤滑作用的合成油 MINERAL OIL OR SYNTHETIC FLUID WITH LUBRICANT PROPERTIES
粘度 VISCOSITY	10.8~420 cSt 50~2000 ssu
閥孔 CAVITY	VC10-3

性能（只針對插件）

TYPICAL PERFORMANCE (Cartridge only)



A

B

C

D

E

F

G

H

I

J

K

節流閥



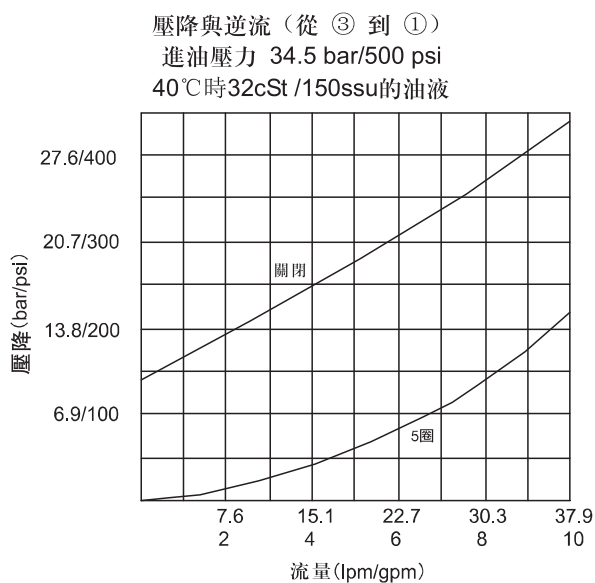
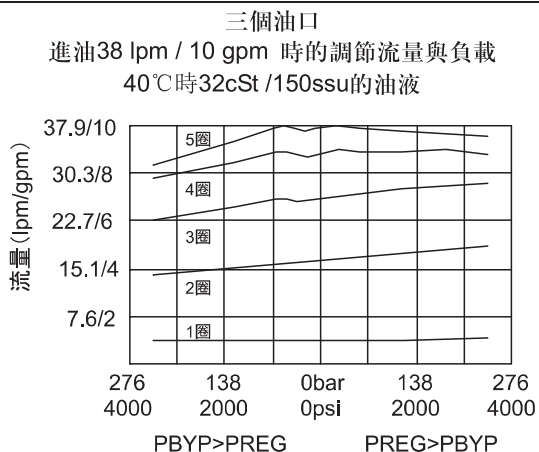
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性能（只針對插件）

TYPICAL PERFORMANCE (Cartridge only)

訂貨型號

HOW TO ORDER



FR10 - 39 -

密封材料
Seal Material

N: 丁腈橡膠 Buna-N

V: 氟橡膠 Viton

調節機構
Adjusting Mechanism

A: 4毫米內六角頭
4mm Hex Allen Head

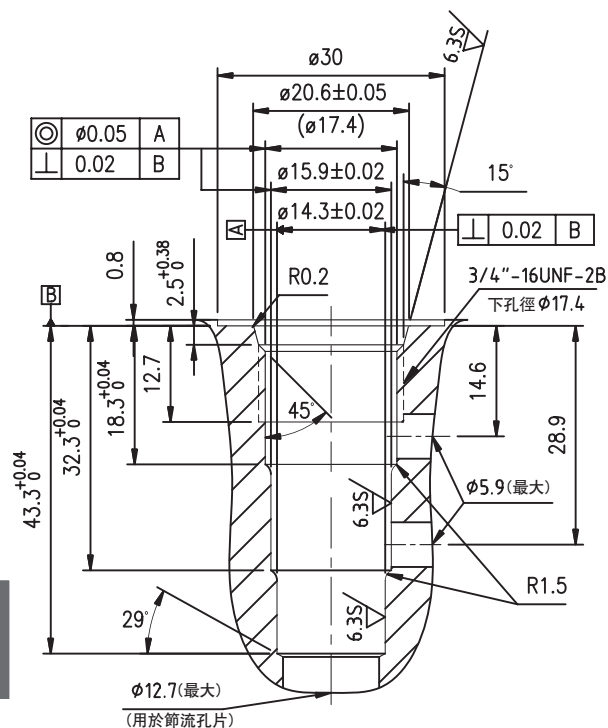
E: 頂部手柄，帶鎖緊螺帽
Top Knob with Lock Nut



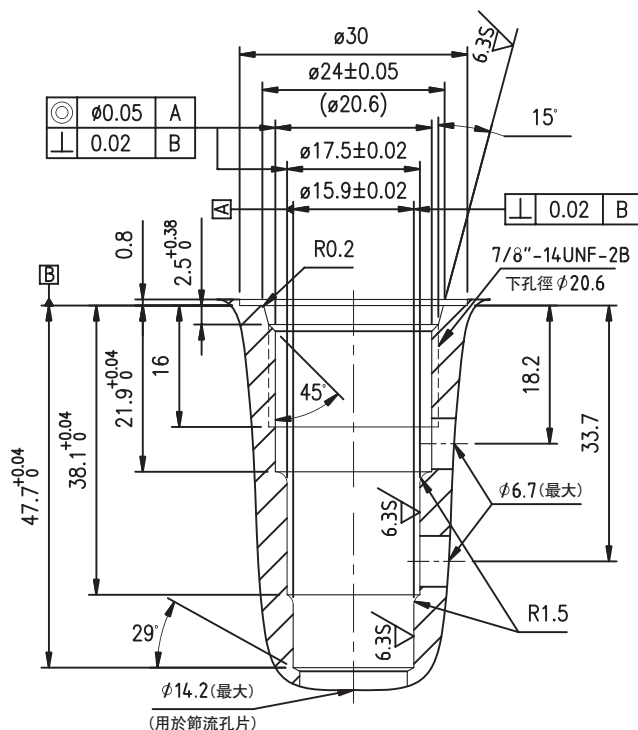
三通插裝閥閥孔 3-Way Cartridge Cavities

單位: mm

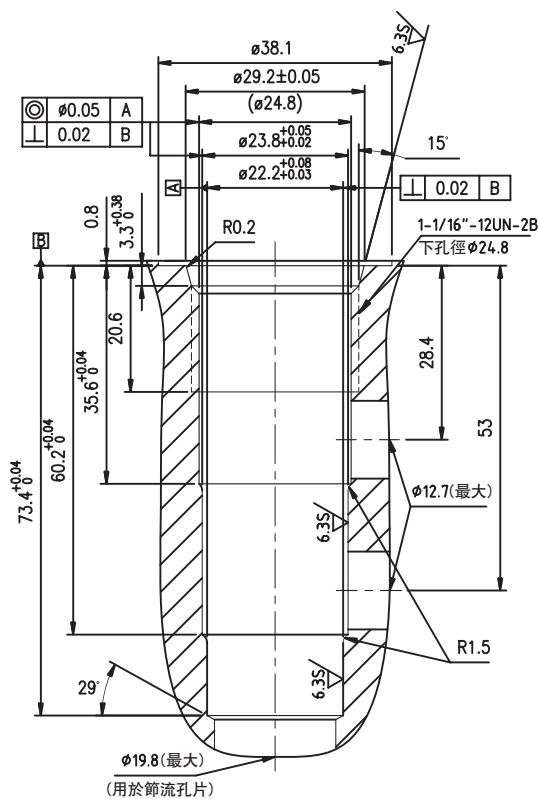
VC08-3



VC10-3



VC12-3



VC16-3

