

PROPORTIONAL VALVES

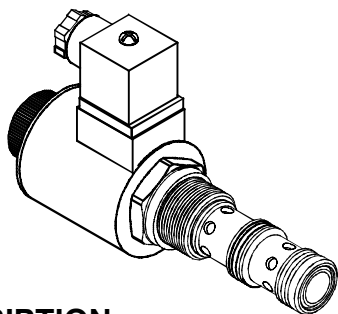
比例閥

EVF SERIES PROPORTIONAL FLOW VALVES

EVF 系列比例流量閥

MODEL 型式

EVF-12

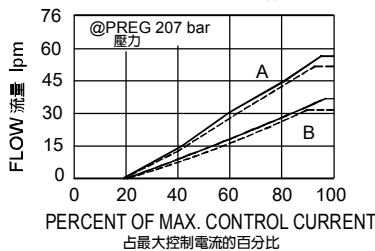


PERFORMANCE 特性曲線

Flow vs. Current

流量和電流

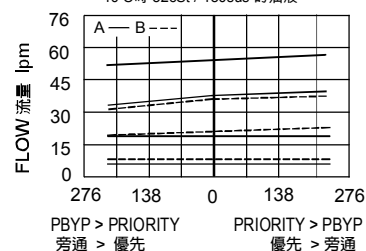
40°C時 32cSt / 150sus 的油液



Regulated Flow vs. Pressure

調節流量和壓力

40°C時 32cSt / 150sus 的油液



DESCRIPTION 說明

Proportional flow valve. It can be used as a priority-type flow regulator with pressure-compensated, regulated and bypass flow. It can also be used as a restrictive-type 2-way, pressure-compensated flow regulator when the bypass line (port ②) is blocked. 比例流量閥. 可以用作帶壓力補償的優先流量調節閥, 調節和旁通流量, 當封閉旁通線路(油口 ②)時, 也可以用作2通節流型壓力補償流量調節閥。

SPECIFICATIONS 規格

Model Number 型號 號碼	Operating Pressure 操作壓力 bar	Maximum Flow 最大流量 lpm	Maximum Current 最大電流 mA	Voltage 電壓 VDC	Weight 重量 Kg
EVF-12	250 (3626 psi)	114 (29.07 gpm)	1600±200 800±100	12 24	0.76 (1.68 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			-30~100 (-22~212°F)		
Contamination Level 污染標準			ISO4406. 21/19/16 NAS1638,10		

HOW TO ORDER 編號說明

1	2	3	4	5	6	7
EVF	12	A	NC	D2	*	*

1 VALVE SERIES 系列名稱

EVF = Proportional Flow Valves 比例流量閥

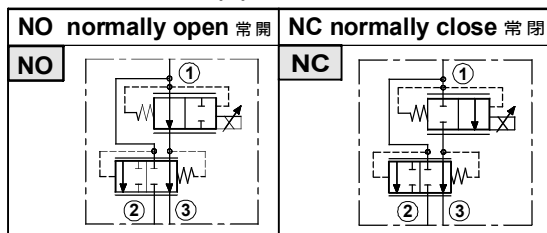
2 SUBPLATE MOUNTING SIZE 稱呼口徑

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

3 FLOW RANGE 流量範圍

Model 型式	Regulated Flow Rate 調節流量 lpm
A	57 lpm (15 gpm)
B	38 lpm (10 gpm)

4 CONTROL PORT(S) 動作形式



5 TYPE OF COIL 線圈類型

Non: Without Coil 無記號:無線圈
D1: DC12V
D2: DC24V

TYPE OF COIL 線圈類型

Model number 型式編號: COS12

Coils must be ordered separately
線圈必須分開訂購

6 ADJUSTMENT OPTION 調整選擇

Non: Standard 無記號: 標準型	S: Twist Style Manual Override 旋緊型-手動操作復位	Y: Push Style Manual Override 推壓型-手動操作復位

7 SEALS 密封件

Non: NBR (Standard) 無記號: 丁腈橡膠(標準型)
HN: HNBR 氫化丁腈橡膠
V: VITON 氟橡膠

DIMENSIONS 外型尺寸圖

