

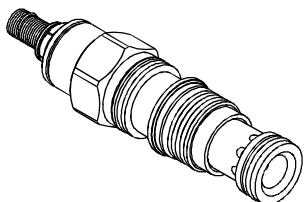
PRESSURE CONTROL VALVES

VRVB SERIES CARTRIDGE TYPE MODULATING ELEMENT WITH RELIEF FUNCTION

VRVB 系列插入式調壓附旁通補償閥

◆ MODEL 型式

VRVB-02



◆ DESCRIPTION 說明

Three-port normally closed modulating elements with relief provide two functions when combined with an external orifice. The mainstage is a bypass compensator that controls a priority flow into the circuit, determined by the external orifice. Input flow in excess of the priority flow is bypassed to tank (port 2). If the inlet (port 1) pressure rises to the valve setting, the valve operates as a normal relief valve.

當外接節流口時，此類3口帶溢流功能的常閉調節元件提供2種功能。主級為旁路壓力補償器以此控制流入油路中的優先流量，此流量大小取決於外接節流口。輸入流量超出優先流量的部分將旁通流入油箱（口2）。如果進口（口1）壓力上升到閥的設定值，此閥功能和普通溢流閥類似。

◆ 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
VRVB-02	350 (5076 psi)	40 (10.57 gpm)	0.18 (0.40 lbs)
Fluid Type 流體型式		ISO VG 32,46,68	
Viscosity 黏性 cSt		10~400 (59~1854SSU)	
Operating Temperature 操作溫度 °C		-15~70 (-5~158°F)	
Contamination Level 污染標準		ISO4406. 21/19/16 NAS1638,10	

◆ HOW TO ORDER 編號說明

1	2	3	4
VRVB	02	— *	— *

1 VALVE SERIES 系列名稱

VRVB= Cartridge Type Modulating Element With Relief Function

插入式調壓附旁通補償閥

2 SUBPLATE MOUNTING SIZE 稱呼口徑

02 : T-11A

Cavity 孔口 : CST-11A

See Page Appendixes-A_006

見附錄A_006 頁面

3 ADJUSTMENT PRESSURE 壓力調整範圍

Order 編號	Adjustment pressure 壓力調整範圍
10	7 ~ 105 (bar)
20	7 ~ 210 (bar)
40	11 ~ 420 (bar)

4 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	

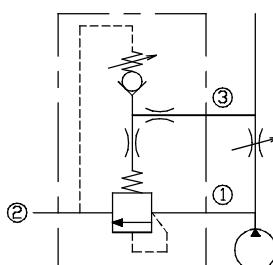
◆ PERFORMANCE(Cartridge Only)

特性曲線



Load Pressure 負載壓 Bar

◆ CONTROL PORT(S) 動作形式



◆ DIMENSIONS 外型尺寸圖

