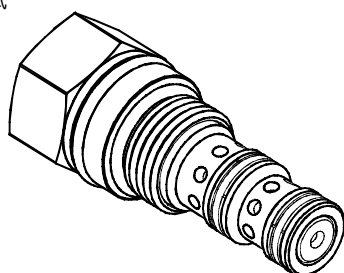
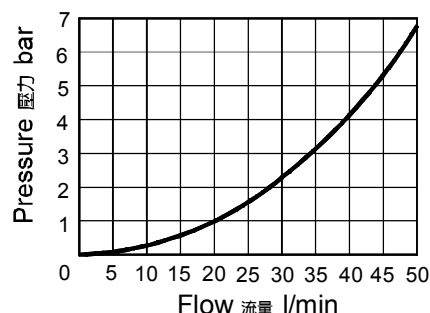


MODEL 型 式

VECR-10



PERFORMANCE(Cartridge Only) 特性曲線



DESCRIPTION 說 明

Flow is blocked bi-directionally at 2 and 3 until pressure at 1 rises to overcome the spring bias against the spool. When this bias pressure is surpassed, the spool shifts, allowing flow from 2 to 3, or 3 to 2. The spring chamber is sealed and vented to atmosphere, allowing consistent shifting with only spring bias pressure independent of conditions at 2 or 3.

當油口 1 壓力升高抵抗彈簧的預壓力時，主軸移動，油可在 2 和 3 之間雙向流動。彈簧腔和大氣相通，主軸的移動只和彈簧預壓力有關，而與 2 或 3 的壓力無關。

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
VECR-10	350 (5076 psi)	50 (13.20 gpm)	0.2 (0.55 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		-30~100 (-22~212°F)	
Contamination Level 污染標準		ISO4406. 20/18/15 NAS1638. 9	

HOW TO ORDER 編號說明

1	2	3	4
VECR	10	50	*

1 VALVE SERIES 系列名稱

VECR= Cartridge Type, Pilot-operated, Hydraulic Directional Valve
(Direct Acting External Pilot External Vent)
插入式液控方向閥(直動式外部導引外部透氣)

2 SUBPLATE MOUNTING SIZE 稱呼口徑

Size : 10
Cavity 孔口:CS10-3N
See Appendices-A 見附錄A
For Manifold See Appendices-B 油路板見附錄B

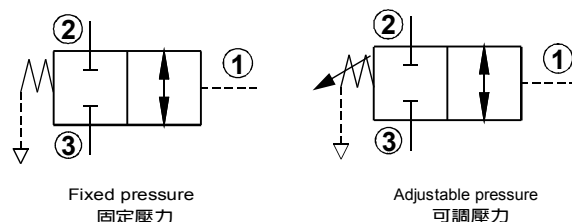
3 SPRING PRESSURE 彈簧壓力

Code 編碼	Spring pressure 彈簧壓力
50	5.5 (bar)
110	11.5 (bar)

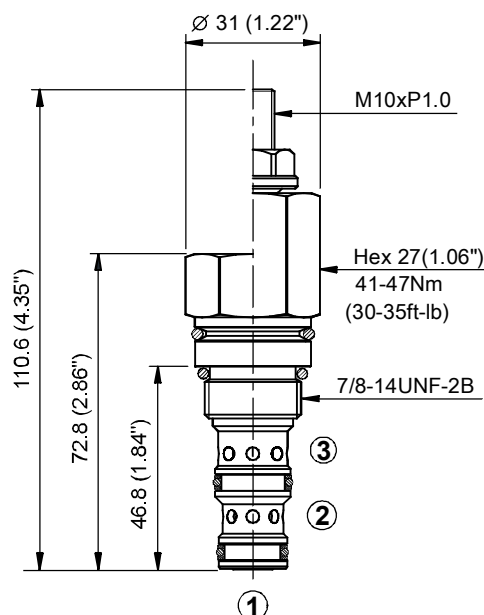
4 ADJUSTMENT OPTION 調整選擇

Code 編碼	Fixed pressure 固定壓力	
NONE	NONE: Stanadrd 無：標準型	
Code 編碼	Adjustable pressure 可調壓力	
M15	M15 : TOOL ADJUST M15 : 工具調整式	

CONTROL PORT(S) 動作形式

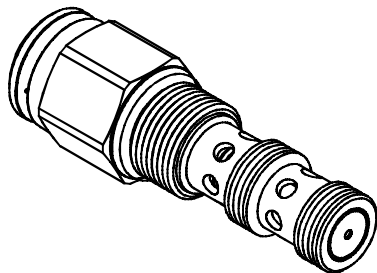


DIMENSIONS 外型尺寸圖



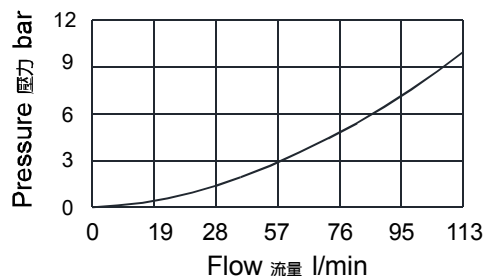
◆ MODEL 型 式

VECR-12



◆ PERFORMANCE(Cartridge Only)

特性曲線



◆ DESCRIPTION 說 明

In neutral, the valve blocks flow from ③ to ② bidirectionally. V is a spring chamber vent-to-atmosphere.

On remote pilot signal at ①, the valve shifts to open ② to ③ bidirectionally.

The cartridge may be fully pressurized at any port without affecting required pilot pressure.

在初始位置時，該閥會截止油液從 ③ 到 ② 雙向流動。V 是可通向大氣的彈簧腔。

當遠端液空信號到達 ① 時，閥蕊移動，② 到 ③ 雙向接通，可在任何油口對插件完全加壓，而不影響所需的液控壓力。

◆ 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
VECR-12	350 (5076 psi)	113 (29.85 gpm)	0.43 (0.95 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		-30~100 (-22~212°F)	
Contamination Level 污染標準		ISO4406. 20/18/15 NAS1638. 9	

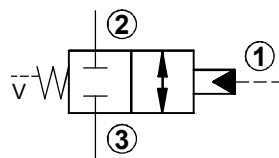
◆ HOW TO ORDER 編號說明

1	2	3	4
VECR	12	70	*

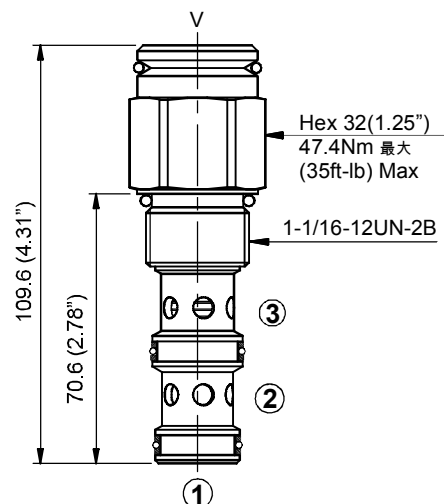
1 VALVE SERIES 系列名稱

VECR= Cartridge Type, Pilot-operated,
Hydraulic Directional Valve
(Direct Acting External Pilot External Vent)
插入式液控方向閥(直動式外部導引外部透氣)

◆ CONTROL PORT(S) 動作形式



◆ DIMENSIONS 外型尺寸圖



2 SUBPLATE MOUNTING SIZE 稱呼口徑

Size : 12
Cavity 孔口:CS12-3N
See Appendices-A 見附錄A
For Manifold See Appendices-B 油路板見附錄B

3 SPRING PRESSURE 彈簧壓力

Code 編碼	Spring pressure 彈 簧 壓 力
70	7.5 (bar)
110	11.5 (bar)

4 SPOOL TYPE 閥芯型式

Non: Standard 無記號：標準型
NS: With sealed spool NS：密封閥芯

- 7.5 bar bias spring is the minimum required for use with sealed spool.
與密封閥芯配合使用時，所需最小彈簧預壓力為7.5bar。