

CARTRIDGE SOLENOID CHECK VALVE

插入式電磁止回閥

V2070 (HSV08)

Description

描述

A solenoid-operated, 2-way, normally closed, needle-type, direct-acting, screw-in hydraulic cartridge valve, intended for blocking or load-holding in low flow circuits. When de-energized, the V2070-26 blocks flow in both directions until pressure rating is achieved. When pressure on port B exceeds rating, flow is allowed to pass from B to A. When energized the needle point lifts to allow flow in both directions. Port A is recommended as the load-holding port.

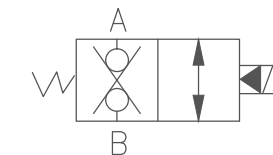
電磁驅動、2 通、常閉、直動針型、液壓螺紋插裝閥，在低流量油路中用作截止或負載保持設備。斷電時，V2070-26 根據壓力額定值截止油液雙向流動。如果 B 處的壓力超過額定值，則油液可以從 B 流向 A。通電時，閥針提升，從而使閥雙向接通。建議油口 A 為負載保持油口。

A solenoid-operated, 2-way, normally closed, poppet-type, bi-directional blocking, direct-acting, screw-in hydraulic cartridge valve for low leakage in load-holding applications. When de-energized, the V2070-28 blocks flow in both directions. When energized the poppet opens to allow flow in both directions.

電磁驅動、2 通、常閉、座閥式、雙向截止、液壓螺紋插裝閥，用於要求低泄漏的負載保持應用。斷電時，V2070-28 截止油液雙向流動。通電後，閥芯打開，允許油液從 A 流向 B，以及從 B 流向 A 流動。

Graphic Symbol

繪圖符號



Ordering Code

型號說明

V2070 1 @ 2 # 3 * 4 D24 5 DG 6 25 7

1

Cartridge solenoid
check valve
插入式電磁止回閥

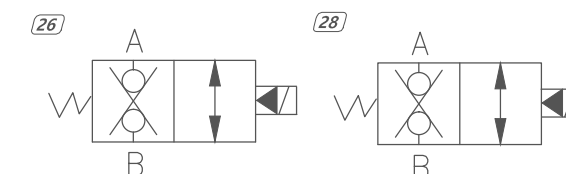
V2070(08W-2)

二口二位

Poppet 2-way

2

Operation
油路方向功能選項



低流量雙止回常閉

雙止回常閉

3

Option:
with filter
附濾網裝置選項

S: With Filter
有濾網

N: Without Filter
無濾網

4

Option:
with manual
附手動輔助裝置選項

P: Push-style Manual Override
P: 推 (向外推移式)

N: Option
N: 標準 (輔助裝置不可調)

M: Screw-out Konb Style
M: 旋鈕式 (開) 逆時鐘方向

Screw-in Konb Style
旋鈕式 (開) 順時鐘方向

T: Push and Twist Style
T: 推桿附扭轉

Manual Override
固定輔助裝置

5

Coil type
線圈型式

D12: DC12V
A22: AC220V

D24: DC24V
A38: AC380V

A24: AC24V
RA1: AC110V

A11: AC110V
RA2: AC220V

6

Terminations
接線方式

DG: DIN43650
插頭式

DL: Lead wires(2)
出線2條式

7

Max pressure
最高壓力

25: 250bar(3500psi)

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Technical Data

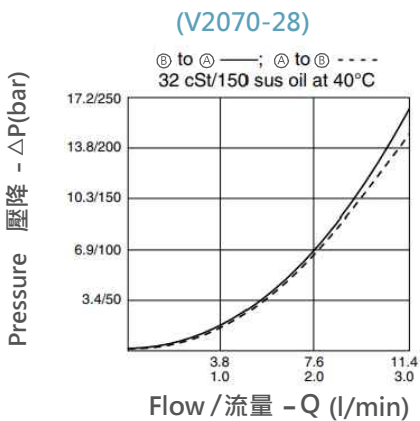
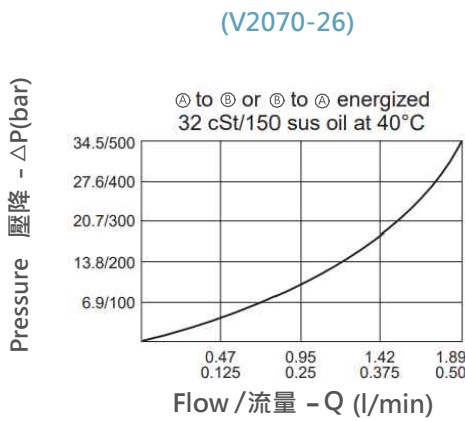
技術參數

Max.Operating Pressure 最高壓力	Rated Flow 額定流量	Cavity-Tooling 成型孔	Installation Torque 安裝扭矩	Weight 重量
bar(psi)	(l /min)		(Nm)	(kg)
250(3500)	2 (V2070-26) 15 (V2070-28)	08W-2	39-51	0.29

Fluids-Temperatures 使用油溫範圍	Internal Leakage 最大內漏量	Filtration 過濾精度	Minimun Voltage Required 線圈需要的最低電壓
(°C)	0.25cc/minute	(um)	
-40~120°C	(5 drops/minute)max. at 250 bar (5滴/每分)壓降250bar時	25	90% of nominal 額定電壓的90%

Specifications

技術數據

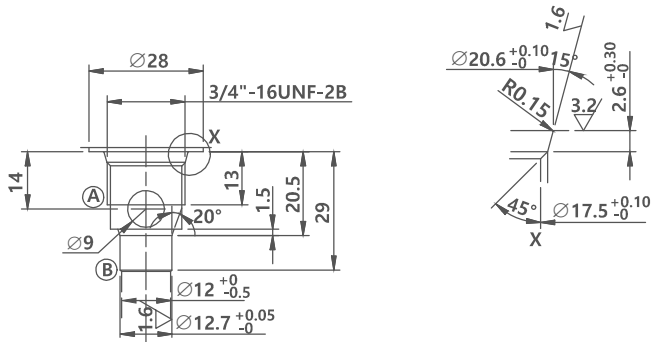


Cavity-Tooling

成型孔

Millimeters (m/m)

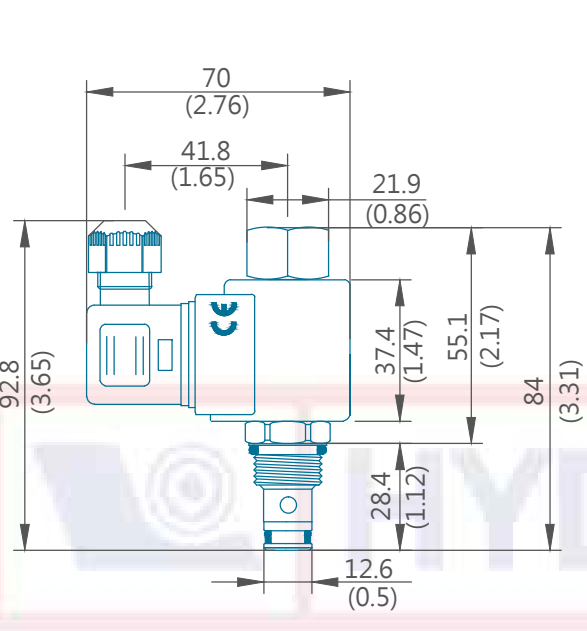
0.03
0.02



Dimension

N外型尺寸圖

Millimeters (inch)



Dimension

P外型尺寸圖

Millimeters (inch)

