

V8066 (HSV16)

Description

描述

A solenoid-operated, 2-way, normally closed, piloted poppet-type, screw-in hydraulic cartridge valve, intended to act as a blocking or load-holding device for low flow circuits. When de-energized, the V8066-20 acts as a check valve, allowing flow from B to A, while blocking flow from A to B. When energized, the cartridge's poppet lifts to open the A to B flow path. In this mode, flow from B to A is severely restricted. If this path is required, see model V8066-22.

電磁驅動、2 通常閉、導控座閥式、液壓螺紋插裝閥，用作低流量油路中的截止或負載保持油設備。斷電時，V8066-20 作單向閥，允許油液從 B 流向 A，同時截止油液從 A 流向 B。通電後，插裝閥的閥芯提升，從而打開從 A 流向 B 的油液通道。在此動作下，油液從 B 流向 A 的流動將受到巨大限制。如果想要接通此通道，請使用 V8066-22 型。

A solenoid-operated, 2-way, piloted, poppet-type, normally open, screw-in, hydraulic cartridge valve designed for low leakage in load-holding applications.

When de-energized, the V8066-21 allows flow from A to B. Flow from B to A is severely restricted in this mode. If the B to A path is required see model V8066-23,

電磁驅動、2通、導控座閥式、常開、液壓螺紋插裝閥，用於要求低洩漏的負載保持應用。斷電時，V8066-21 允許油液從 A 流向 B。在此工況下，油液從 B 流向 A 的流動將受到巨大限制。如果想要接通從 B 流向 A 的油液通道，請使用 V8066-23。

CARTRIDGE SOLENOID CHECK VALVE

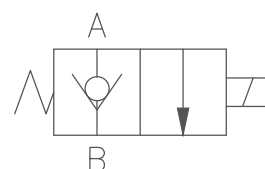
插入式電磁止回閥

V8066 (HSV16)



Graphic Symbol

繪圖符號



Ordering Code

型號說明

V8066 1 @ 2 # 3 * 4 D24 5 DG 6 25 7

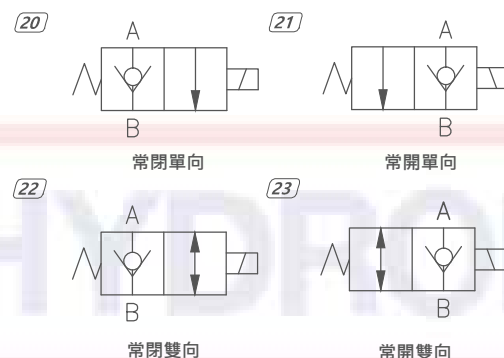
1

Cartridge solenoid check valve
插入式電磁止回閥

V8066(16W-2) 二口二位 Poppet 2-way

2

Operation
油路方向功能選項



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)
M: Screw-out Konb Style
M: 旋鈕式(開) 逆時鐘方向 ↺
T: Push and Twist Style
T: 推桿附扭轉

N: Option
N: 標準(輔助裝置不可調)
Screw-in Konb Style
旋鈕式(開) 順時鐘方向 ↻
Manual Override
固定轉助裝置

5

Coil type
線圈型式

D12: DC12V A22: AC220V
D24: DC24V A38: AC380V
A24: AC24V RA1: RAC220V
A11: AC110V RA2: RAC220V

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)

Technical Data

技術參數

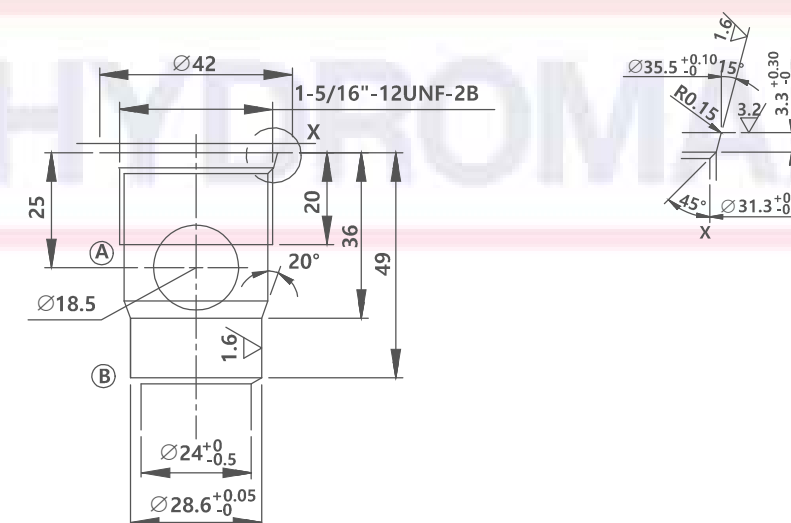
Max.Operating Pressure 最高壓力	Rated Flow 額定流量	Cavity-Tooling 成型孔	Installation Torque 安裝扭矩	Weight 重量
bar(psi)	(l /min)		(Nm)	(kg)
250(3500)	150	16W-2	80-100	0.67

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%

Cavity-Tooling

成型孔

Millimeters(m/m)



CARTRIDGE SOLENOID CHECK VALVE

插入式電磁止回閥

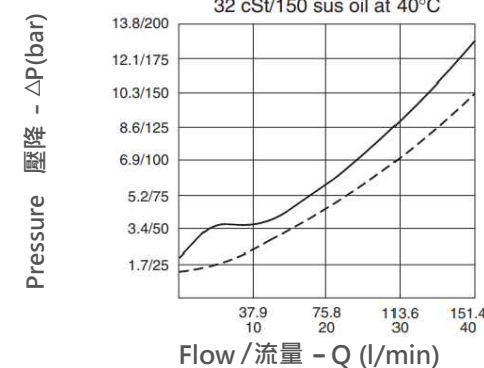
V8066 (HSV16)

Specifications

技術數據

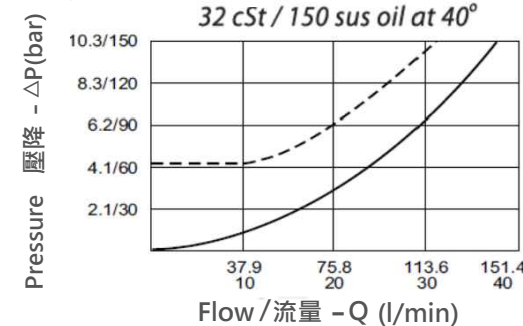
(V8066-20)

① to ② en —
② to ① de - - -
32 cSt/150 sus oil at 40°C



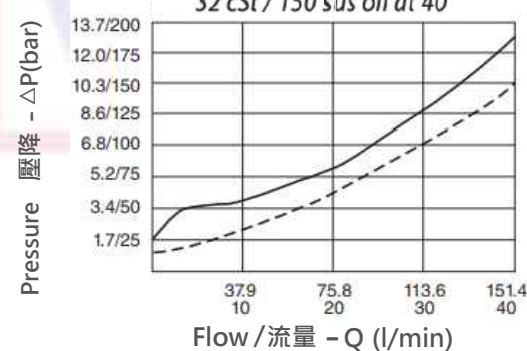
(V8066-21)

① to ② de —
② to ① en - - -
32 cSt / 150 sus oil at 40°



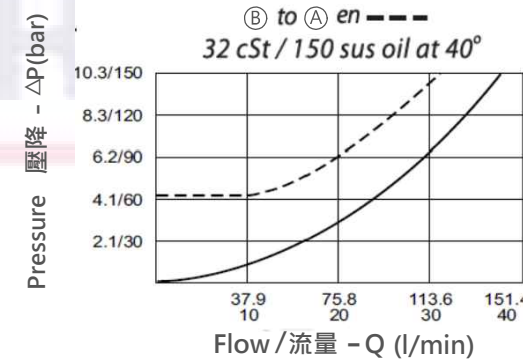
(V8066-22)

① to ② en —
② to ① de - - -
32 cSt / 150 sus oil at 40°



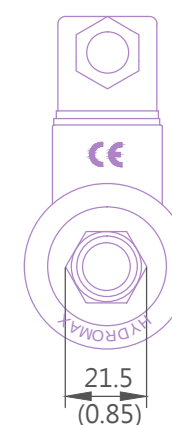
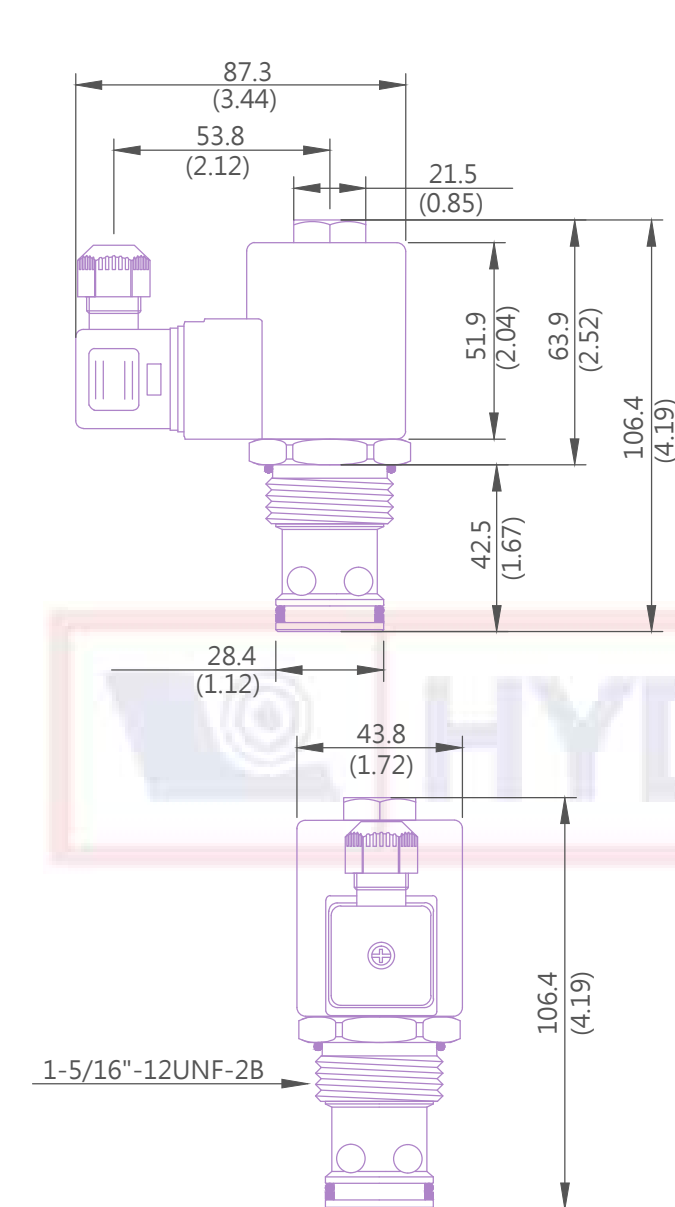
(V8066-23)

① to ② de —
② to ① en - - -
32 cSt / 150 sus oil at 40°



Dimension

20-N-N外型尺寸圖 Millimeters/(inch)



Dimension

21-N-M 外型尺寸圖 Millimeters/(inch)

