

CARTRIDGE SOLENOID CHECK VALVE 插入式電磁止回閥 V2033 (HSV08)

Description

描述

A solenoid-operated, 3-way, spool-type, screw-in hydraulic directional cartridge valve. When de-energized, the V2033-30 allows flow from 2 to 1 while blocking flow at 3. When energized, the cartridge's spool shifts to open from 3 to 2, while blocking flow out 1. While port 1 may be fully pressurized, it is not intended to be used as the inlet.

電磁驅動、3通、直動閥芯式、液壓螺紋方向閥。斷電時，V2033-30 允許油液從 ② 流向 ①，而在 ③ 處截止。通電後，外掛程式的閥芯移動，從而接通 ③ 流向 ②，而截止油液從 ① 流出。雖然可以對油口 ① 完全加壓，但其不用作進口口。

A solenoid-operated, three-way, direct-acting, spool-type, screw-in hydraulic cartridge valve. When de-energized, the V2033-31 allows flow from 2 to 1, while blocking flow at 3. When energized, the valve's spool shifts to open from 1 to 3, while blocking at 2.

電磁驅動、3通、直動閥芯式、液壓螺紋插裝閥。斷電時，V2033-31 允許油液從 ② 流向 ①，而在 ③ 處截止。通電後，閥芯移動，從而接通 ① 流向 ③，而在 ② 處截止。

A solenoid-operated, 3-way, spool-type, direct-acting, screw-in hydraulic directional cartridge valve. When de-energized, the V2033-33 allows flow from 3 to 1 while blocking flow at 2. When energized, the cartridge's spool shifts to open flow from 2 to 1, while blocking 3.

電磁驅動、3通、直動閥芯式、螺紋液壓方向閥。斷電時，V2033-33 允許油液從 ③ 流向 ①，而在 ② 處截止。通電後，外掛程式的閥芯移動，從而接通 ② 流向 ①，而在 ③ 處截止。

A solenoid-operated, 3-way, spool-type, direct-acting, screw-in hydraulic directional cartridge valve. When de-energized, the V2033-34 blocks flow at 3 while allowing flow between 2 and 1. When energized, the cartridge's spool shifts to allow flow between 2 and 3, while blocking 1.

電磁驅動、2位3通、直動閥芯式、液壓螺紋插裝閥。斷電時，V2033-34 允許油液從 ② 流向 ①，而在 ③ 處截止。通電後，外掛程式的閥芯移動，從而接通 ② 流向 ③，而在 ① 處截止。

A solenoid-operated, 2-position, 3-port, direct-acting, spool-type, screw-in hydraulic directional valve. When de-energized, the V2033-35 blocks flow at ①, while allowing flow from ② to ③. When energized, the spool shifts to provide flow from ② to ①, while blocking port ③.

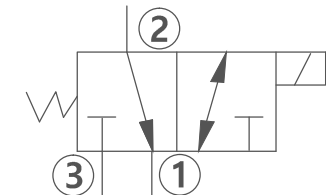
電磁驅動、2位3通、直動閥芯式、液壓螺紋插裝閥。斷電時，V2033-35 允許油液從 ② 流向 ③，而在 ① 處截止。通電後，外掛程式的閥芯移動，從而接通 ② 流向 ①，而在 ③ 處截止。

When not energized, the valve V2033-53 3 is closed, and 1 and 2 flow in both directions. When energized, the valve V2033-53 1 is closed, and 2 and 3 flow in both directions. The valve is a poppet shaft structure, so the closed port has an excellent zero leakage function and does not communicate with other ports at all.

當不通電時，此閥V2033-53 ③封閉，①及②雙向流動。當通電時，此閥V2033-53 ①封閉，②及③雙向流動。此閥為提動軸結構，因此封閉口有極佳的零洩漏功能，完全不與其他油口相通。

Graphic Symbol

繪圖符號



Ordering Code

型號說明 V2033 1 @ 2 # 3 * 4 D24 5 DG 6 25 7

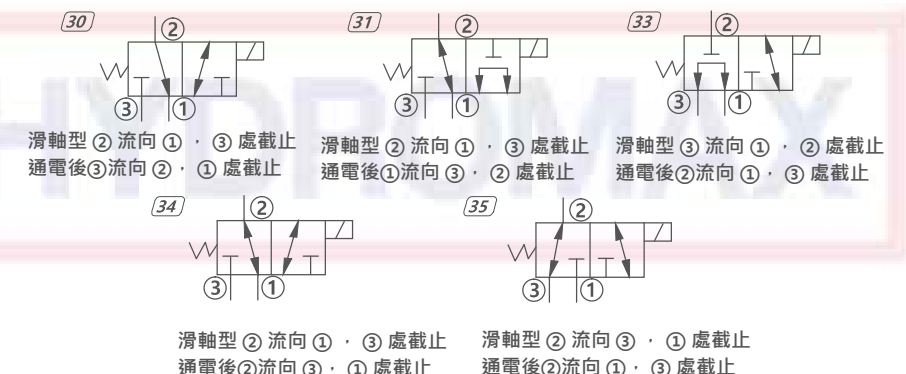
1

Cartridge solenoid
check valve
插入式電磁止回閥

V2033(08W-3) 三口二位 Poppet 3-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 推 (向外推移式)
M: Screw-out Konb Style 旋鈕式 (開) 逆時鐘方向 ↺
T: Push and Twist Style 推桿附扭轉
N: Option 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)

CARTRIDGE SOLENOID CHECK VALVE

插入式電磁止回閥

V2033 (HSV08)

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)	15 (V2033-30) 11 (V2033-31/33/35) 13 (V2033-34)	08W-3	39-51	0.26

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)	80cc/minute	(um)	
-40~120°C	80cc/minute at 210bar	25	90% of nominal 額定電壓的90%

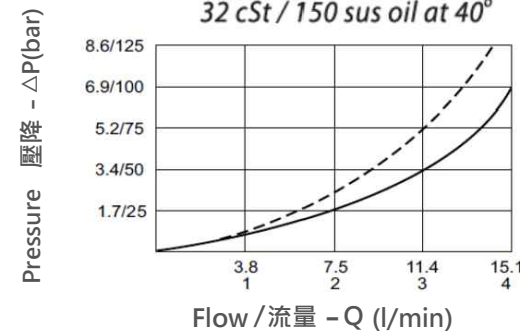
Specifications

技術數據

(V2033-30)

② to ① de —
③ to ② en - - -

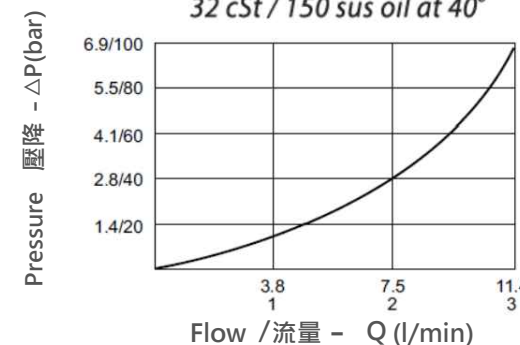
32 cSt / 150 sus oil at 40°



(V2033-33)

③ to ① de —

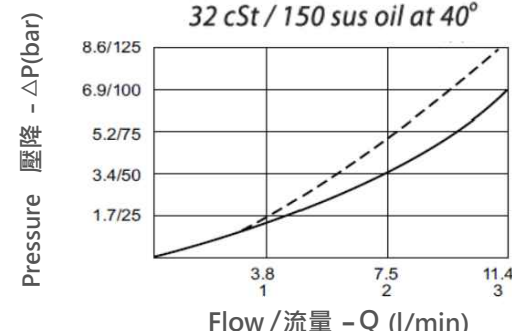
32 cSt / 150 sus oil at 40°



(V2033-31)

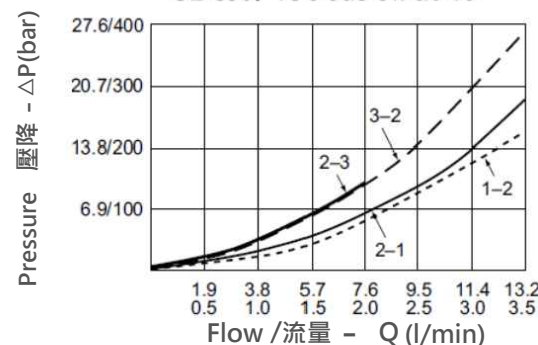
② to ① de —
① to ③ en - - -

32 cSt / 150 sus oil at 40°



(V2033-34)

32 cSt / 150 sus oil at 40°

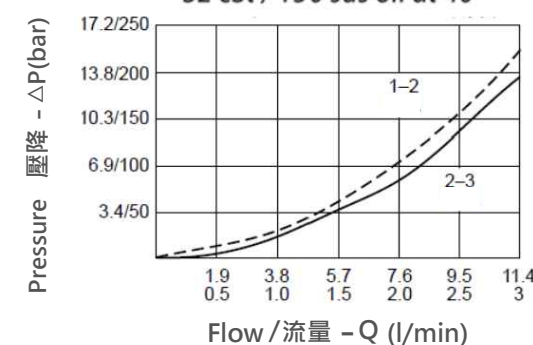


Specifications

技術數據

(V2033-35)

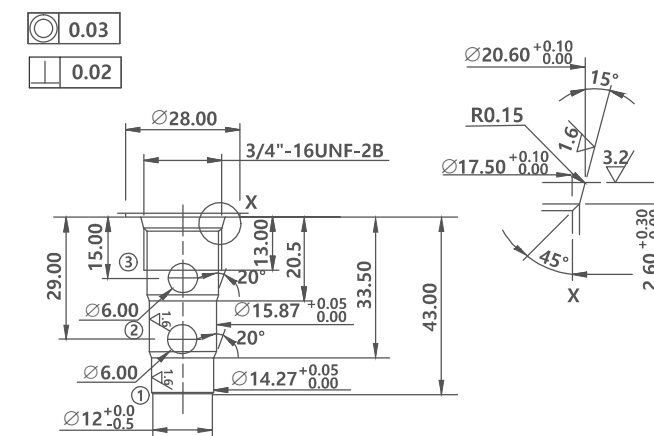
32 cSt / 150 sus oil at 40°



Cavity-Tooling

成型孔

Millimeters (m/m)



Dimension

外型尺寸圖

Millimeters (inch)

