

PROPORTIONAL SOLENOID VALVE
比例型電磁止回閥

HSP12-20

Description

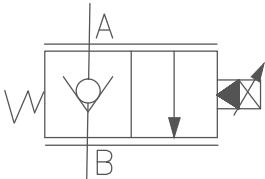
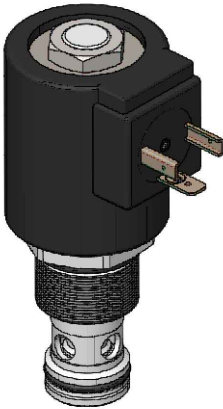
描述

A solenoid-operated, 2-way, normally closed, poppet-type, proportional, screw-in hydraulic cartridge valve, designed for low leakage blocking and load-holding applications. When de-energized, the HSP12-20 acts as a check valve, allowing flow from B to A, while blocking flow from A to B. When energized, the poppet lifts to open the A to B flow path.

比例型電磁驅動，2通，座閥式，常閉，液壓螺紋插裝閥，用於要求低洩漏的截止或負載保持設備。
斷電時，HSP12-20 用作單向閥，允許油液從 B 流向 A，同時截止油液從 A 流向 B。通電時，A 流向 B 的通道將被打開。

Graphic Symbol

繪圖符號



Ordering Code

型號說明

HSP12 1 @ 2 # 3 * 4 D24 5 DG 6 25 7

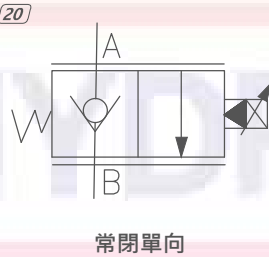
1

Cartridge solenoid
check valve
插入式電磁止回閥

HSP12(12W-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)

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Technical Data

技術參數

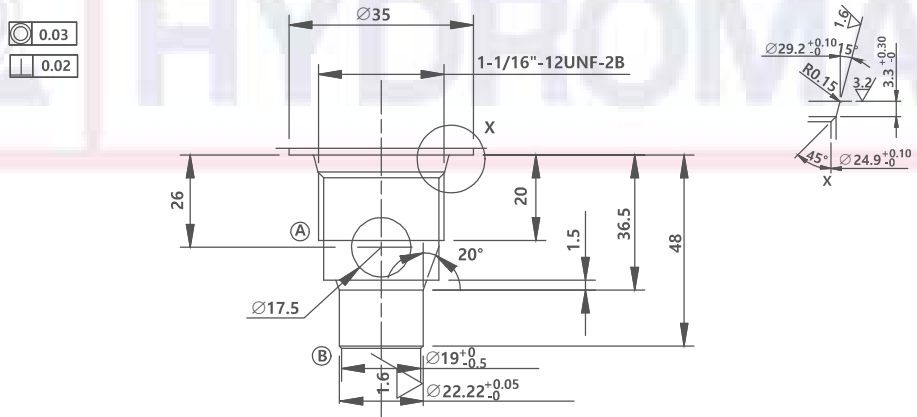
Max.Operating Pressure 最高壓力	Rated Flow 額定流量	Cavity-Tooling 成型孔	Installation Torque 安裝扭矩	Weight 重量
bar(psi)	(l /min)		(Nm)	(kg)
250(3500)	100	12W-2	54-66	0.59

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)	0.15cc/minute	(um)	
-40~120°C	(3 drops/minute)max.at 250 bar (3滴/每分)壓降250bar時	25	90% of nominal 額定電壓的90%

Cavity-Tooling

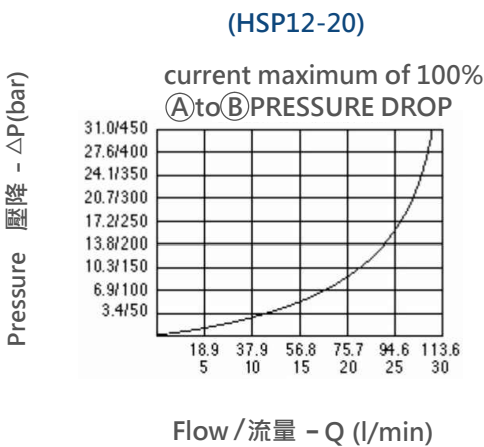
成型孔

Millimeters(m/m)



Specifications

技術數據



Dimension

外型尺寸圖

Millimeters(inch)

