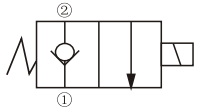
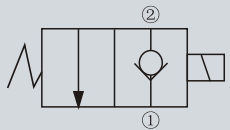
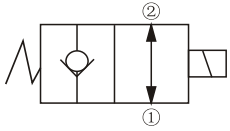
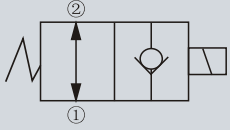
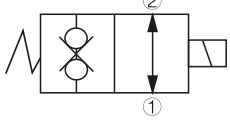
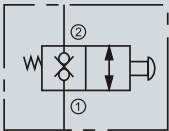
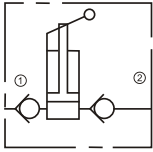
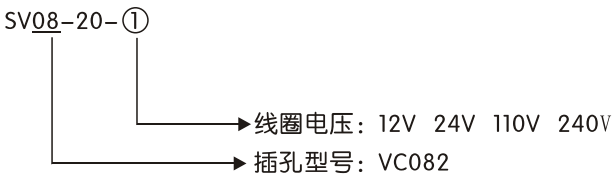


电磁方向/手动换向阀目录

名称 Description	液压符号 Symbol	产品型号 Type	最大流量 (L/Min) Flow Rate	插孔形式 Cavity	页码 Page
常闭电磁阀 Normally Closed		SV08-20	20	VC082	58
		SV10-20	40	VC102	59
		SV12-20	80	VC122	60
		SV16-20	150	VC162	61
常开电磁阀 Normally Open		SV08-21	20	VC082	62
		SV10-21	40	VC102	63
		SV12-21	80	VC122	64
		SV16-21	150	VC162	65
单向常闭电磁阀 Rev,Normally Closed		SV08-22	20	VC082	66
		SV10-22	40	VC102	67
		SV12-22	80	VC122	68
		SV16-22	150	VC162	69
双向常开电磁阀 Bi-direction open		SV08-23	20	VC082	70
		SV10-23	40	VC102	71
		SV12-23	80	VC122	72
		SV16-23	150	VC162	73
双向止回电磁阀 Bi-direction block		SV08-28	20	VC082	74
		SV10-28	40	VC102	75
		SV12-28	80	VC122	76
		SV16-28	150	VC162	77
手动换向阀 Manual direction valve		MP08-20	20	VC082	78
		MPE08-20 (带微型开关)	20	VC082	79
手动换向泵 Manual direction pump		HP10-20	80	VC102	80

注：以上产品最大压力均为25 Mpa

选购规格 Order Type:

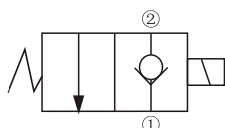


SV08-21 常开电磁阀 Normally Open

订购型号 Order Type

SV08-21-①

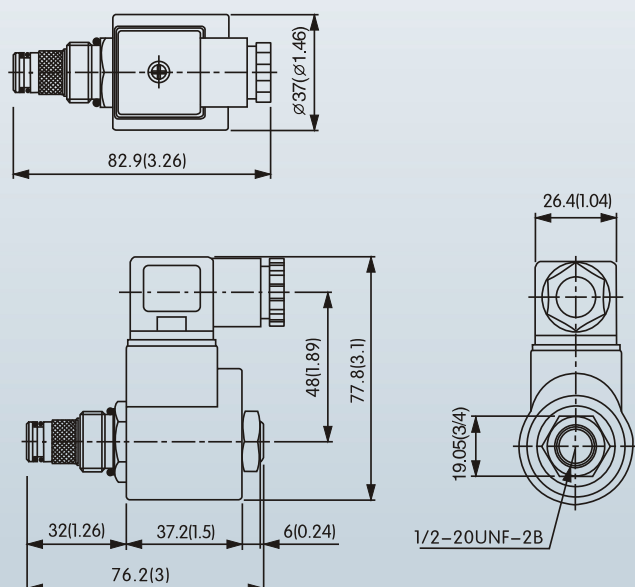
①线圈电压：直流电压 (V) 12, 24
交流电压 (V) 110, 220



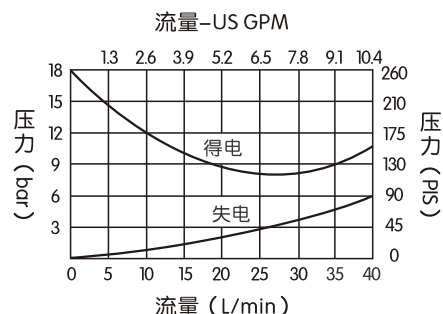
特性 Features

- 断电时，用作单向阀，液压油从②流向①，同时①到②关闭；通电时，①到②开启。
- 用于控制流量 20 L/min 及压力达 250bar 之开启与关闭，典型应用控制液压系统之传动装置。
- 额定流量：20 L/min 最大压力：250bar
- 液压油自②至①泄漏：在210bar以及油粘稠度为46cSt时是0.10 ml/min (2滴)。
- 工作温度：
 - 最低-30℃，最高100℃，使用标准型BUNA衬垫。

尺寸图 Dimensions

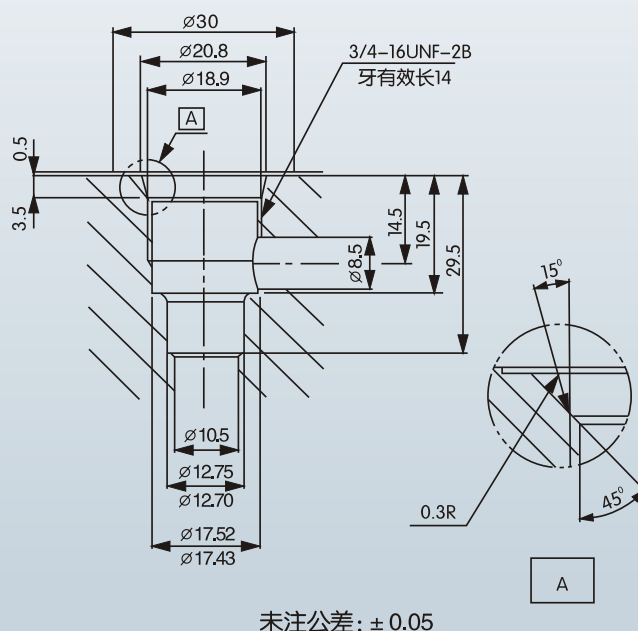


流量曲线 Performance (Cartridge Only)



- When de-energized, the valve acts as a check valve, allowing flow from ② to ①, while blocking flow from ① to ②. When energized, the cartridge's poppet lifts to open the ① to ② flow path.
- Valve open and close under the controlled flow of 20 L / min and pressures up to 250bar, a typical application of Hydraulic system gear.
- Operating flow rate: 20 L / min Operating Pressure: 250bar.
- Hydraulic oil leak from ② to ①: In the 210bar and oil viscosity for 46cSt when 0.10 ml / min (2 drops).
- Temperature:
 - 30 °C to 100 °C, with standard BUNA seals.

阀孔尺寸 VC082



电磁方向阀 Solenoid on/off Valves

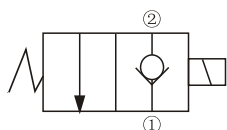
SV10-21 常开电磁阀 Normally Open

订购型号 Order Type

SV10-21-①

①线圈电压：直流电压 (V) 12, 24

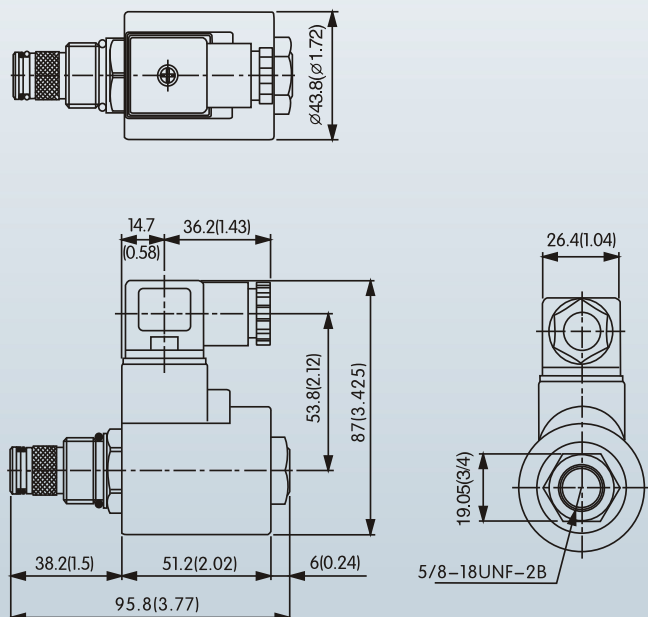
交流电压 (V) 110, 220



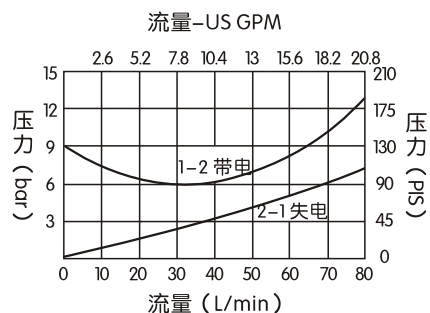
特性 Features

- 断电时，用作单向阀，液压油从②流向①，同时①到②关闭；通电时，①到②开启。
- 用于控制流量 40 L/min 及压力达 250bar 之开启与关闭，典型应用控制液压系统之传动装置。
- 额定流量：40 L/min 最大压力：250bar。
- 液压油自②至①泄漏：在210bar以及油粘稠度为46cSt时是0.10 ml/min (2滴)。
- 工作温度：
 - 最低-30℃，最高100℃，使用标准型BUNA衬垫。

尺寸图 Dimensions

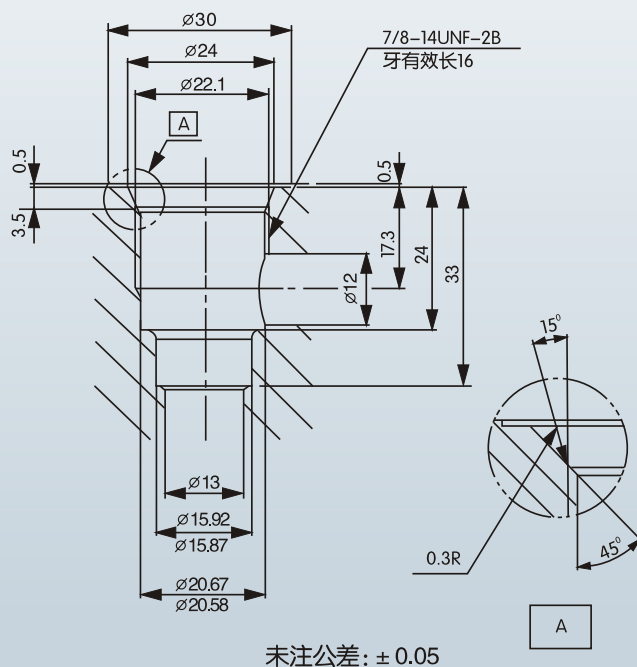


流量曲线 Performance (Cartridge Only)



- When de-energized, the valve acts as a check valve, allowing flow from ② to ①, while blocking flow from ① to ②. When energized, the cartridge's poppet lifts to open the ① to ② flow path.
- Valve open and close under the controlled flow of 40 L / min and pressures up to 250bar, a typical application of Hydraulic system gear.
- Operating flow rate: 40 L / min Operating Pressure: 250bar.
- Hydraulic oil leak from ② to ①: In the 210bar and oil viscosity for 46cSt when 0.10 ml / min (2 drops).
- Temperature:
 - 30 °C to 100 °C, with standard BUNA seals.

阀孔尺寸 VC102



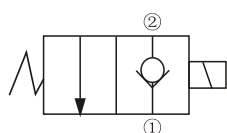
未注公差: ± 0.05

SV12-21 常开电磁阀 Normally Open

订购型号 Order Type

SV12-21-①

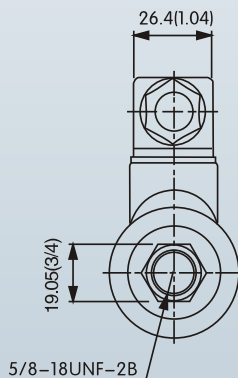
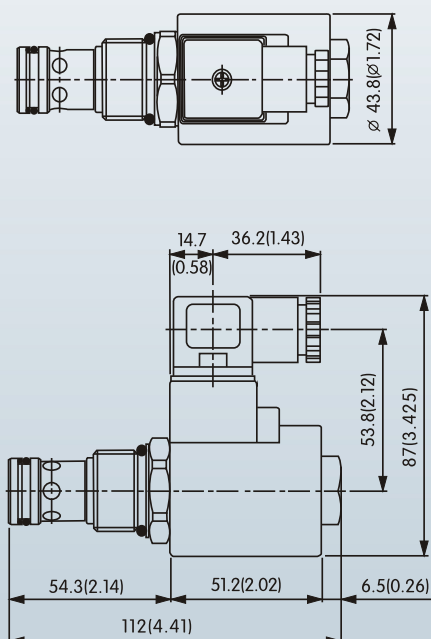
①线圈电压：直流电压 (V) 12, 24
交流电压 (V) 110, 220



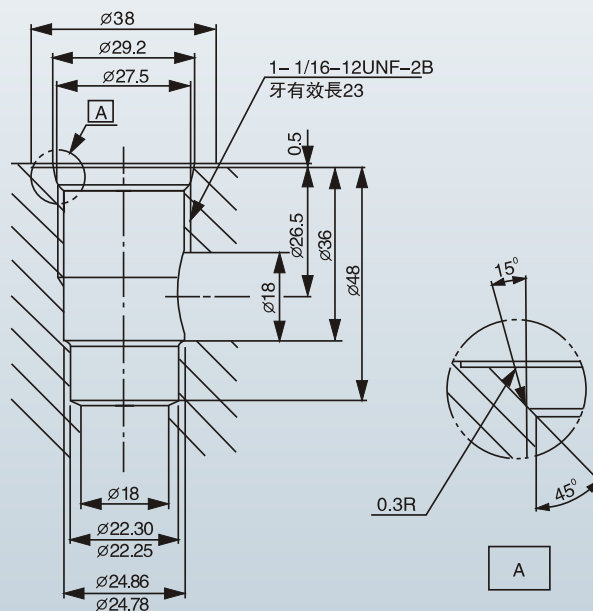
特性 Features

- 断电时，用作单向阀，液压油从②流向①，同时①到②关闭；通电时，①到②开启。
- 用于控制流量 80 L/min 及压力达 250bar 之开启与关闭，典型应用控制液压系统之传动装置。
- 额定流量：80 L/min 最大压力：250bar
- 液压油自②至①泄漏：在210bar以及油粘稠度为46cSt时是0.10 ml/min (2滴)。
- 工作温度：
 - 最低-30℃，最高100℃，使用标准型BUNA衬垫。

尺寸图 Dimensions

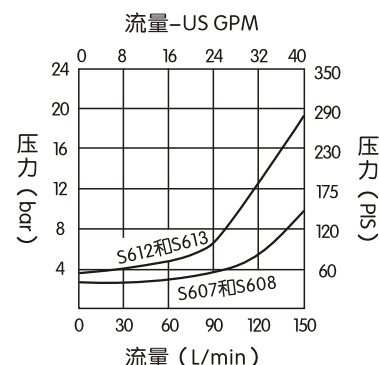


阀孔尺寸 VC122



未注公差：± 0.05

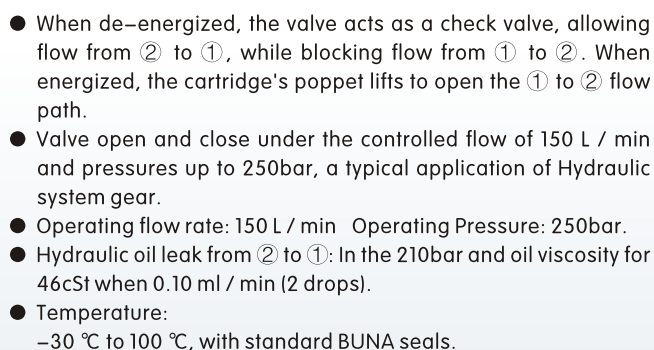
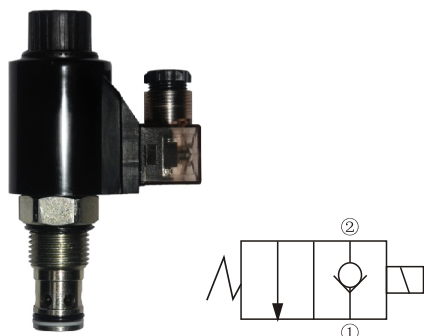
流量曲线 Performance (Cartridge Only)



- When de-energized, the valve acts as a check valve, allowing flow from ② to ①, while blocking flow ① to ②. When energized, the cartridge's poppet lifts to open the ① to ② flow path.
- Valve open and close under the controlled flow of 80 L / min and pressures up to 250bar, a typical application of Hydraulic system gear.
- Operating flow rate: 80 L / min Operating Pressure: 250bar.
- Hydraulic oil leak from ② to ①: In the 210bar and oil viscosity for 46cSt when 0.10 ml / min (2 drops).
- Temperature:
 - 30 °C to 100 °C, with standard BUNA seals.

SV16-21常开电磁阀 Normally Open

①线圈电压：直流电压(V) 12, 24
交流电压(V) 110, 220



Technical drawing of the 3/4-18 UNF-2B valve, showing three views: front, side, and top. Dimensions are provided in inches and millimeters.

Front View Dimensions:

- Overall width: 118 mm (4.65 in)
- Distance from handle center to valve body center: 53.2 mm (2.10 in)
- Distance from valve body center to outlet center: 51.2 mm (2.02 in)
- Distance from handle center to outlet center: 104.4 mm (4.11 in)
- Outlet diameter: $\varnothing 43.8$ mm (1.72 in)

Side View Dimensions:

- Overall height: 87 mm (3.42 in)
- Distance from handle center to valve body center: 14.7 mm (0.58 in)
- Distance from valve body center to outlet center: 36.2 mm (1.43 in)
- Distance from handle center to outlet center: 50.9 mm (2.01 in)

Top View Dimensions:

- Overall width: 26.4 mm (1.04 in)
- Distance from handle center to valve body center: 19.05 mm (0.75 in)
- Distance from valve body center to outlet center: 5.35 mm (0.21 in)
- Outlet diameter: $\varnothing 43.8$ mm (1.72 in)

Thread Specification: 5/8-18 UNF-2B

Technical drawing of a mechanical part, likely a valve body, showing a cross-section and a detail view.

Main View Dimensions:

- Overall diameter: $\varnothing 44.5$
- Flange outer diameter: $\varnothing 35.6$
- Flange inner diameter: $\varnothing 33.6$
- Central bore diameter: $\varnothing 24$
- Internal bore diameter: $\varnothing 20$
- Bottom flange outer diameter: $\varnothing 22$
- Bottom flange inner diameter: $\varnothing 28.64$
- Bottom flange outer diameter (including fillet): $\varnothing 31.39$
- Overall length: 46
- Length of central bore: 34.5
- Length of flange: 0.5

Detail View Dimensions:

- Angle: 15°
- Angle: 45°
- Fillet radius: 0.3R

Thread Specification: 1- 5/16-12UNF-2B
牙有效长20

Label: A

Unannotated Tolerance: 未注公差: ± 0.05