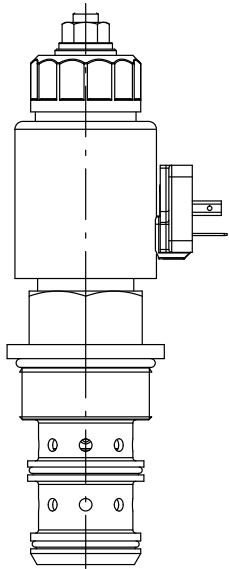


ZY-SRCB 比例型流量控制插装阀
ZY-SRCB Proportional flow control cartridge valve

描述 DESCRIPTION:

流量控制阀用于设定液压执行机构的工作速度, 该设定不依赖于负载, 具有压力补偿功能。

Flow control valves SRCB are used to set the working speed of hydraulic actuators, the setting is load independent and pressure compensated.

工作原理 OPERATION:

ZY-SRCB 流量由一个可调节的狭缝式孔板设定。当用作三通阀时, 较高的压力可以在A或B端口。

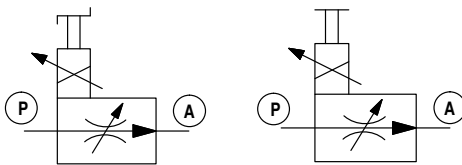
注: 对于双向流量控制功能, 请咨询展跃液压, 特殊的节流孔设计确保流量设置与流体粘度基本无关。该阀的车梁结构允许设计一个液压系统, 以满足客户的精确要求。

The **ZY-SRCB** flow rate is set by an adjustable slit-type orifice. When used as a 3-way valve, the higher pressure can be either at the A or B port.

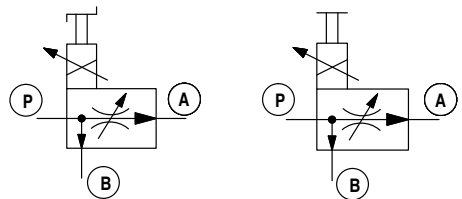
Note: For a 2-way flow control function please ask Zhan Yue Hydraulics. The special orifice design ensures that the flow setting is largely independent of the viscosity of the fluid. The valve's cartridge construction allows to design a hydraulic system that meets the client's precise requirements.

机能符号 SYMBOLS:

2-way flow control



3-way flow control


特点 FEATURES:

- 插入式螺线管, 方便线圈更换
- 流速不受温度变化或当较高的负载压力在出口端口
- 能源-开放式中心优化
- 坚固、耐用、可靠

- plug-in solenoid for easy coil change
- flow rates are unaffected by temperature change or when the higher load pressure alternates between the outlet ports
- energy - optimised in open center
- robust, durable and reliable

特性 RATINGS:

工作压力: max. 315

最小压差 (压力补偿器): 7

流体温度范围: -20 ... +80

输入流量: max. 100

泄漏: max. 100 cm³/min at 100 bar 1)

介质: 粘度介于7.4~420 cSt (50~2000 sus)的矿物油或具有润滑作用的合成油

阀孔: ZY-CSRCB3;

Operating Pressure: max. 315

Min. pressure difference (pressure compensator): 7

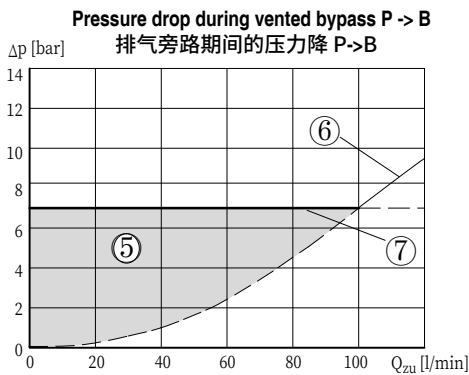
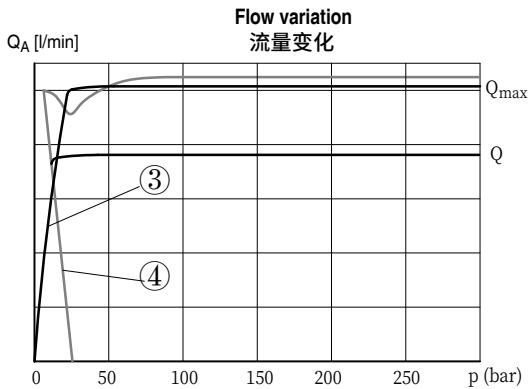
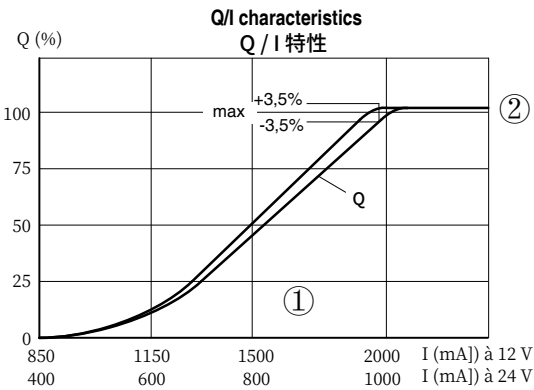
Fluid temperature range: -20 ... +80

Inlet flow: max. 100

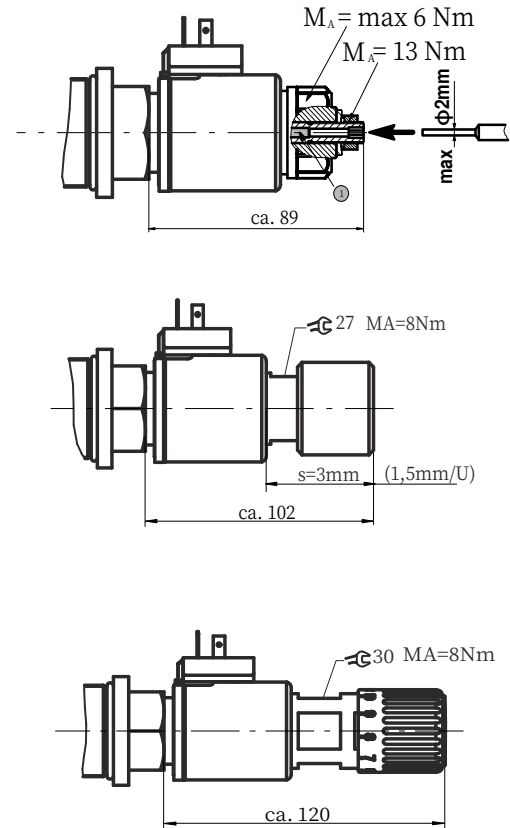
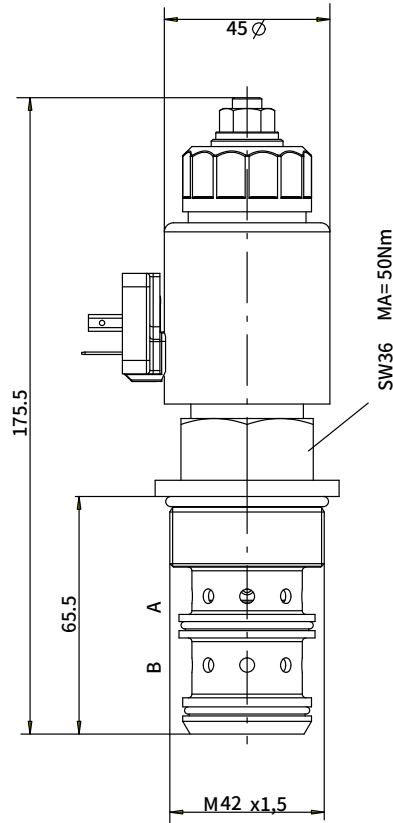
Leakage: max. 100 cm³/min at 100 bar 1)

Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 sus);

Cavity: ZY-CSRCB3 ;

性能图 PERFORMANCE:
尺寸 DIMENSIONS:


- ① - 精细控制范围
- ② - 100% = 2000 ± 200 mA at 12 V
= 1000 ± 100 mA at 24 V
(100% - 值随标称流量而变化)
- ③ - QA - 恒流加压
- ④ - QA - 剩余流量加压
- ⑤ - 压力损失面积
(实际压力损失特性取决于B口罐体压力)
- ⑥ - 控制阀节流曲线 (取决于应用阀体)
- ⑦ - 控制 - Δp - 特性 7 bar


订购型号 TO ORDER:

ZY-SRCB		- 1			
<u>(Constant flow range)</u>					
恒流量范围					
(l/min)	10				
(l/min)	16				
(l/min)	25				
(l/min)	32				
(l/min)	40				
(l/min)	50	3	3通		
(l/min)	63		(3-way)		
(l/min)	80	2	2通		
			(2-way)		
调节选件					
Adjustment Option					
电磁阀+紧急插孔		S		G	GDM plug (DIN)
(solenoid + emergency pin)				J	AMP Junior Timer
电磁阀+基本手控		N		T	Deutsch plug DT04-2P-EP04
(solenoid + basic manual override)					
电磁阀+高级手控		T			
(solenoid + deluxe manual override)					
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