KPV70-30A

比例流量控制阀　滑阀式

说明 DESCRIPTION

A solenoid operated, 3-way, 2-position, spool-type cartridge valve.

二位，三通，滑阀式电磁阀

工作 OPERATION

The KPV70-30A will regulate the flow of oil port 3,independent of the operating pressure of the system.As the current in the solenoid valve increases,the output flow of the KPV70-30A will also increase.

Emergency manual operation:

When staring:rotate clockwise about 1 turn to reach the starting point.Continue to rotate for about 5 more turns to reach the maximum displacement.

End:Rotate counterclockwise for about 6 cycles to a forward stop.
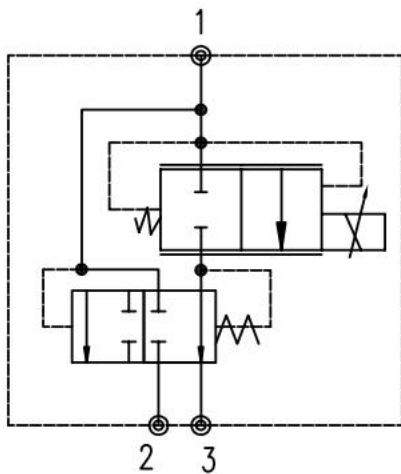
KPV70-30A将调节油口③的流量，不受系统工作压力的影响。随着电磁阀中电流的增大，KPV70-30A的输出流量也将增大。

应急手控操作：

启动时：顺时针旋转约 1 圈可达到起点。继续再旋转约5圈可以达到最大位移。

结束时：逆时针旋转约 6 周至正向停止。

符号 SYMBOL

技术参数 SPECIFICATIONS

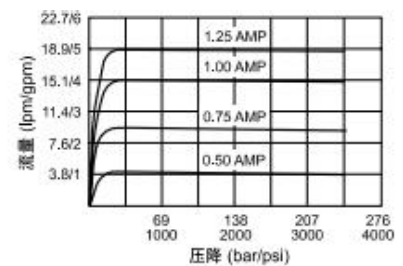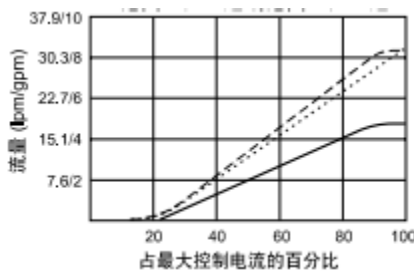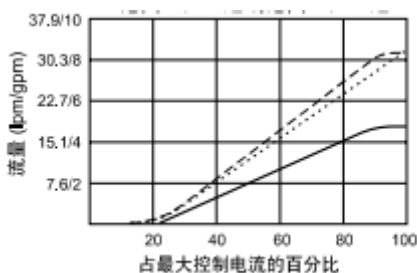|	
工作压力(Operating pressure):	207bar
最大输入流量(Maximum input flow):	50L/min
最大优先流量(Maximum priority flow):	26L/min
电磁阀电压(Solenoid valve voltage):	24V±15%DC
最大控制电流(Maximum control current):	800mA±100mA
内泄漏(Internal Leakage):	(per land)82cc/min.(毫升/) max. at 207bar
温度(Temperature):	-20°C to +90°C
过滤(Filtration):	参考过滤要求(Reference filter requirements)
油液(Fluids):Mineral-based fluids with viscosities of 7.4 to 420 cSt.(矿物油粘度)	
插孔(Cavity):	VC10-3
电磁阀接插件(Solenoid valve connector):	DT04-2P

电量-流量曲线 Charge flow curve

207bar;12V线圈；200HZ PWM
32cSt oil @ 40°C

•••••• 范围A,二通(Range A,two way)

- - - - - 范围A, 三通（Range A,three way)
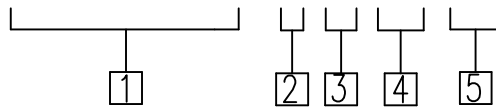
———— 范围B，二通或范围B,三通（Range B, two way;Range A,three way)

Adjust flow and pressure drop
Two way:Flow range A
240 bar inlet 12V coil;
32 cSt oil at 200HZ PWM AT 40 ℃

Adjust flow and pressure drop
Two way:Flow range B
240 bar inlet 12V coil;
32 cSt oil at 200HZ PWM AT 40 ℃

订货代号 TO ORDER

KPV70-30A-0-N-** **

1 2 3 4 5

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1 公司代码
  Company code

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2 0
  0= 只订插件
  0=Order plug-ins only

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3 密封件 Sealing ring
  N 丁氰橡胶（标准型）
           BUNA N（Std.）
  V 氟橡胶 Fluorocarbom

4 线圈规格 Coil specification
  12=12V
  24=24V

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5 线圈终端 Coil terminal
  标准线圈终端（Standard coil terminal）
  DG=Din 43650
  DL=导线（2）
  E型线圈终端（E-coil terminal）
  ER=Deutsch DT04-2P
  （符合IP69K的标准）

安装尺寸 INSTALLATION DIMENSIONS

S=35
安装扭矩 TORQUE:14-16Nm

82

S=30.5
安装扭矩 TORQUE:35-38Nm

46

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②
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