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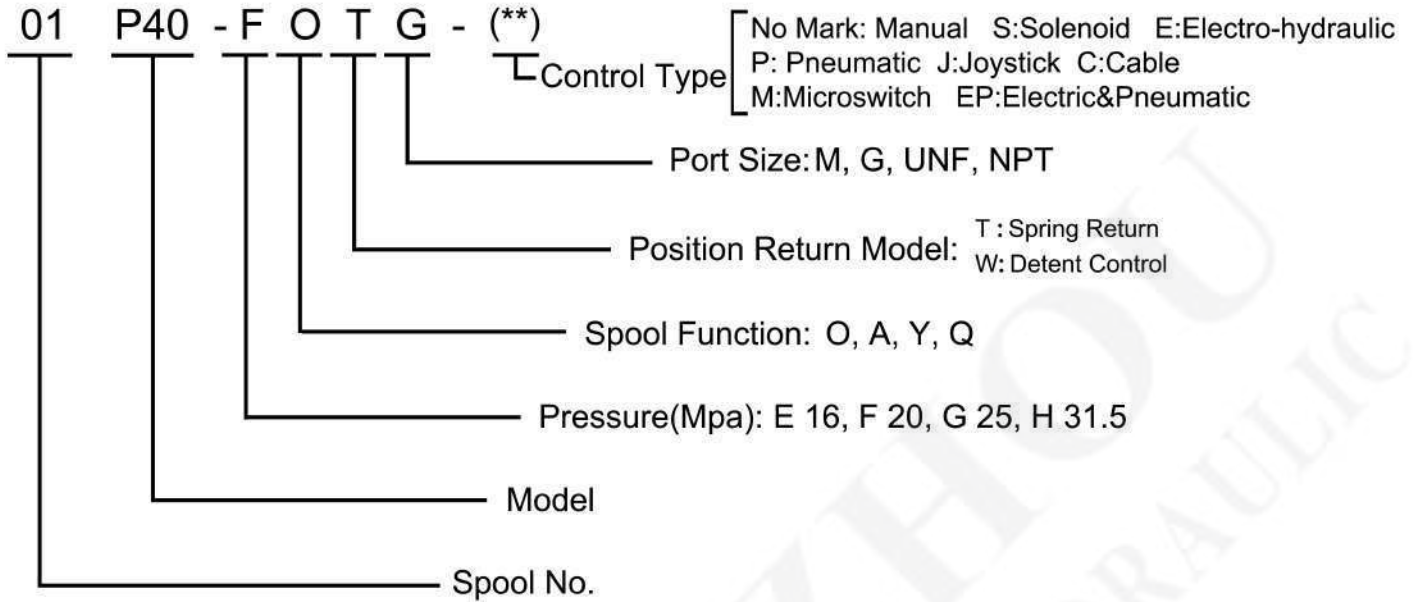
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Mode Code



Spool Function Symbols



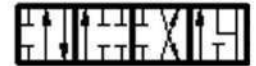
O Spool Function



Y Spool Function



A Spool Function



Q Spool Function

Port Size

Flow	M	G	UNF	NPT
≤60L	M18x1.5	G 3/8"	3/4-16 UNF	NPT 3/8"
60-80L	M22x1.5	G 1/2"	7/8-14 UNF	NPT 1/2"
100-140L	M27x2	G 3/4"	1- 1/16-12 UNF	NPT 3/4"
140-160L	M33x2	G 1"	1- 5/16-12 UNF	NPT 1"
160-240L	M42x2	G 1-1/2"	1- 5/8-12 UNF	NPT 1-1/2"

If you need special dimension port size, please consult to our Engineer.

**P40/P80/P120 & ZT(ZD) Series of Hydraulic Directional Control Valve:**

[www.xjetl.com/download/directional-valve-download](http://www.xjetl.com/download/directional-valve-download)

# DCV20系列整体阀

## DCV20 Series Monoblock Directional Control Valves.

### 用途与特征/APPLICATIONS&FEATURES

DCV20多路换向阀是我单位自主设计开发的一种中高压整体式多路换向阀。可按客户要求在上阀设溢流阀等。溢流阀可调节系统压力，单向阀防止油液倒流，换向阀滑阀机能可有A、O、Y、P等，可任意组合。换向手柄有两种安装形式，便于不同方向的操作。该阀采用并联油路，经过特殊设计的密封方式，使该阀的密封性能卓越。该阀广泛用于叉车、环卫车辆、小型装载机等工程机械的液压系统。



Model DCV20 with middle-high pressure monoblock and 1-6 spools construction is an independently developed control valves by our company.

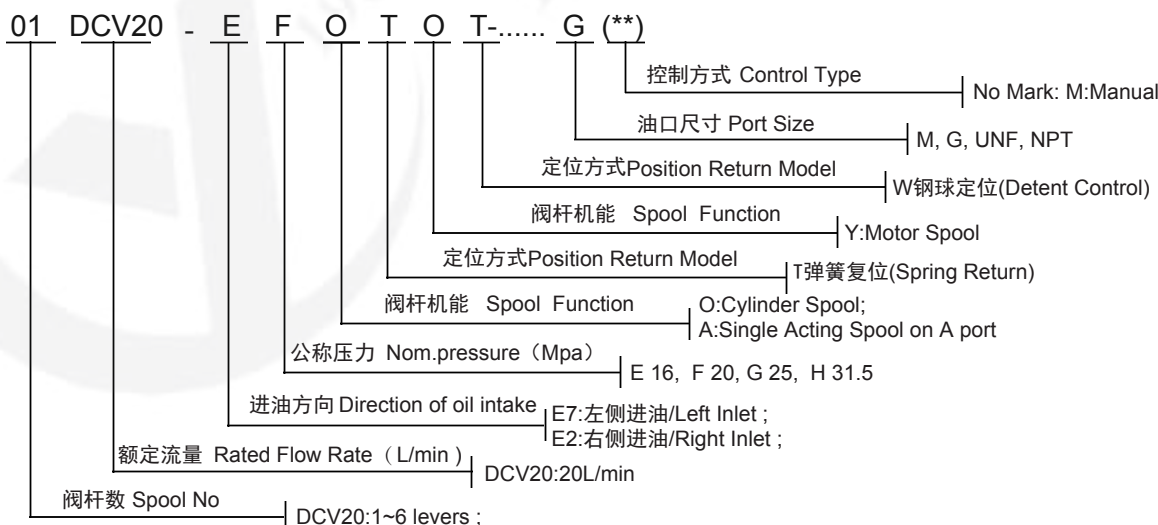
- ◆ Inner check valve: The check valve inside the valve body is to insure the hydraulic oil not to be returned.
- ◆ Inner relief valve: The relief valve inside the valve body is able to adjust the hydraulic system working pressure.
- ◆ Oil way: Parallel circuit,
- ◆ Control Way: Manual control
- ◆ Valve construction: monoblock construction, 2levers.
- ◆ Spool Function: O,A,Y P.

### 性能参数/SPECIFICATIONS

公称压力 Nominal Pressure ( Mpa )	最大压力 Max. pressure ( Mpa )	公称流量 Nom. flow ( L/min )	允许背压 Allowable Back. pressure ( Mpa )	工作油液 Hydraulic Oil		
				温度范围 Tem.range ( °C )	粘度范围 Visc.range ( mm2/s )	过滤精度 Filtrating accuracy ( μm )
16	31.5	20	≤1	-20~+80	10~400	≤10

注：油液最高污染等级:按GB/T14039之19/16  
Note:maximum permissible degree of contamination of the oil is according to GB/T14039-19/16

### 型号说明/MODEL CODE

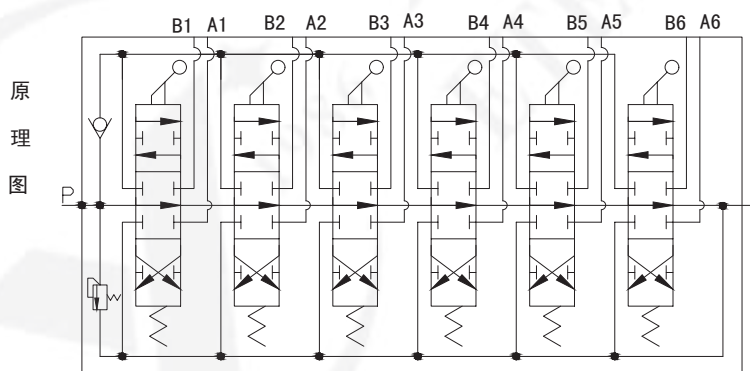
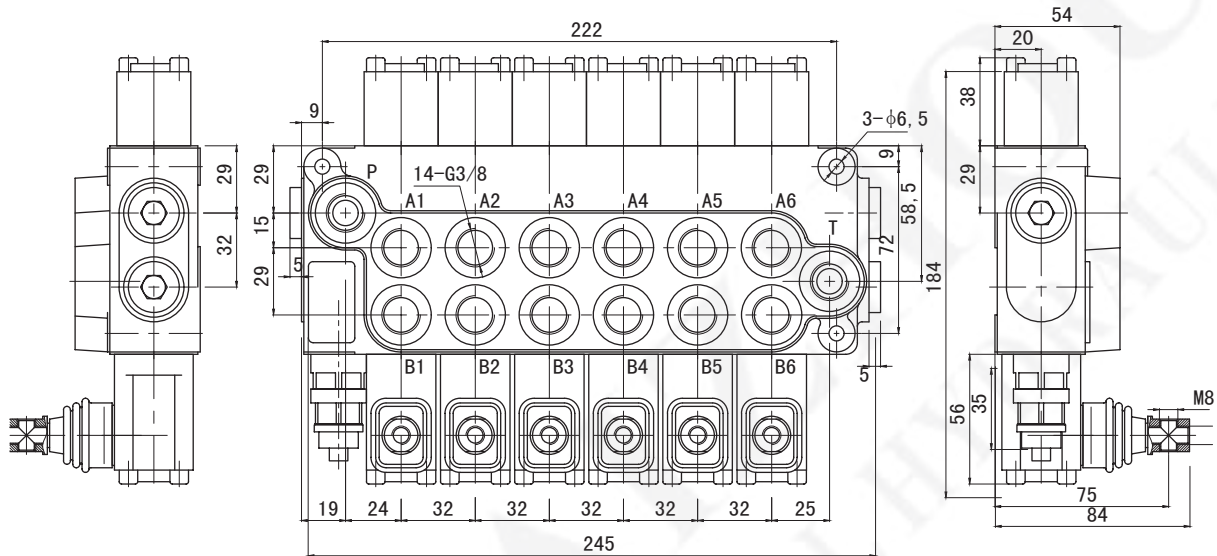


注：订货有特殊要求者，请与销售顾问联系。  
Note: Special features not listed on can often be made to your specifications. Please consult your sales representative.

# DCV20系列整体阀

## DCV20 Series Monoblock Directional Control Valves.

### DCV20外形安装连接尺寸/MODEL DCV20 DIMENSIONAL DATA



技术参数:

1. 公称压力 20MPa
2. 额定流量 20L/min

# DCV40系列整体阀

## DCV40 Series Monoblock Directional Control Valves.

### 用途与特征/APPLICATIONS&FEATURES

DCV40多路换向阀是我单位自主设计开发的一种中高压整体式多路换向阀。可按客户要求可在阀上设溢流阀、液压锁、单向阀等。溢流阀可调节系统压力，单向阀防止油液倒流，换向阀滑阀机能A、O、Y、P等，可任意组合，换向手柄有两种安装形式，便于不同方向的操作，该阀采用并联油路，设计有压力输出口与其它液压元件相接提供动力源。经过特殊设计的密封方式，使阀的密封性能卓越。该阀广泛用于叉车、环卫车辆、小型装载机工程机械的液压系统。



Model DCV40 with middle-high pressure monoblock construction is an independently developed control valves by our company.

- ◆ Inner check valve: The check valve inside the valve body is to insure the hydraulic oil not to be returned.
- ◆ Inner relief valve: The relief valve inside the valve body is able to adjust the hydraulic system working pressure.
- ◆ Oil way: Parallel circuit, power beyond option
- ◆ Control Way: Manual control, pneumatic control, hydraulic and electric control for optional.
- ◆ Valve construction: monoblock construction, 1-8 levers.
- ◆ Spool Function: O, Y, P, A.
- ◆ Option: Hydraulic lock is available to be added on A and B port.
- ◆ The valve is widely used in the hydraulic system of forklift, environment vehicle and light loading machines.

### 性能参数/SPECIFICATIONS

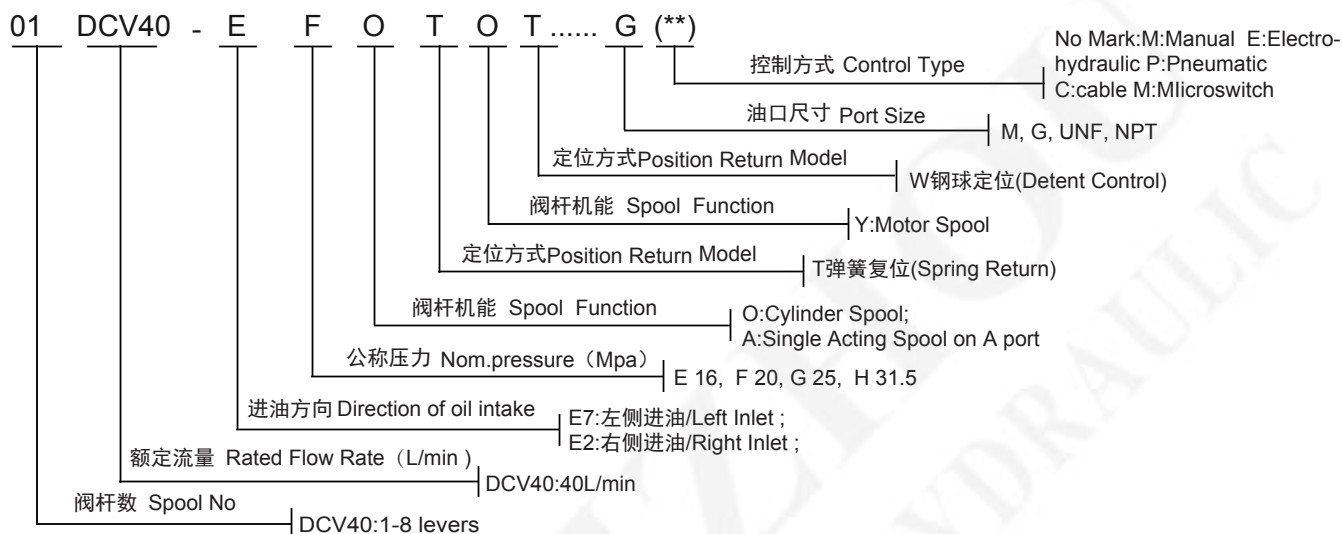
公称压力 Nominal Pressure ( Mpa )	最大压力 Max. pressure ( Mpa )	公称流量 Nom. flow ( L/min )	允许背压 Allowable Back. pressure ( Mpa )	工作油液 Hydraulic Oil		
				温度范围 Tem.range ( °C )	粘度范围 Visc.range ( mm <sup>2</sup> /s )	过滤精度 Filtrating accuracy ( μm )
16	31.5	50	≤ 1	-20~+80	10~400	≤ 10

注：油液最高污染等级：按GB/T14039之19/16  
Note: maximum permissible degree of contamination of the oil is according to GB/T14039-19/16

# DCV40系列整体阀

## DCV40 Series Monoblock Directional Control Valves.

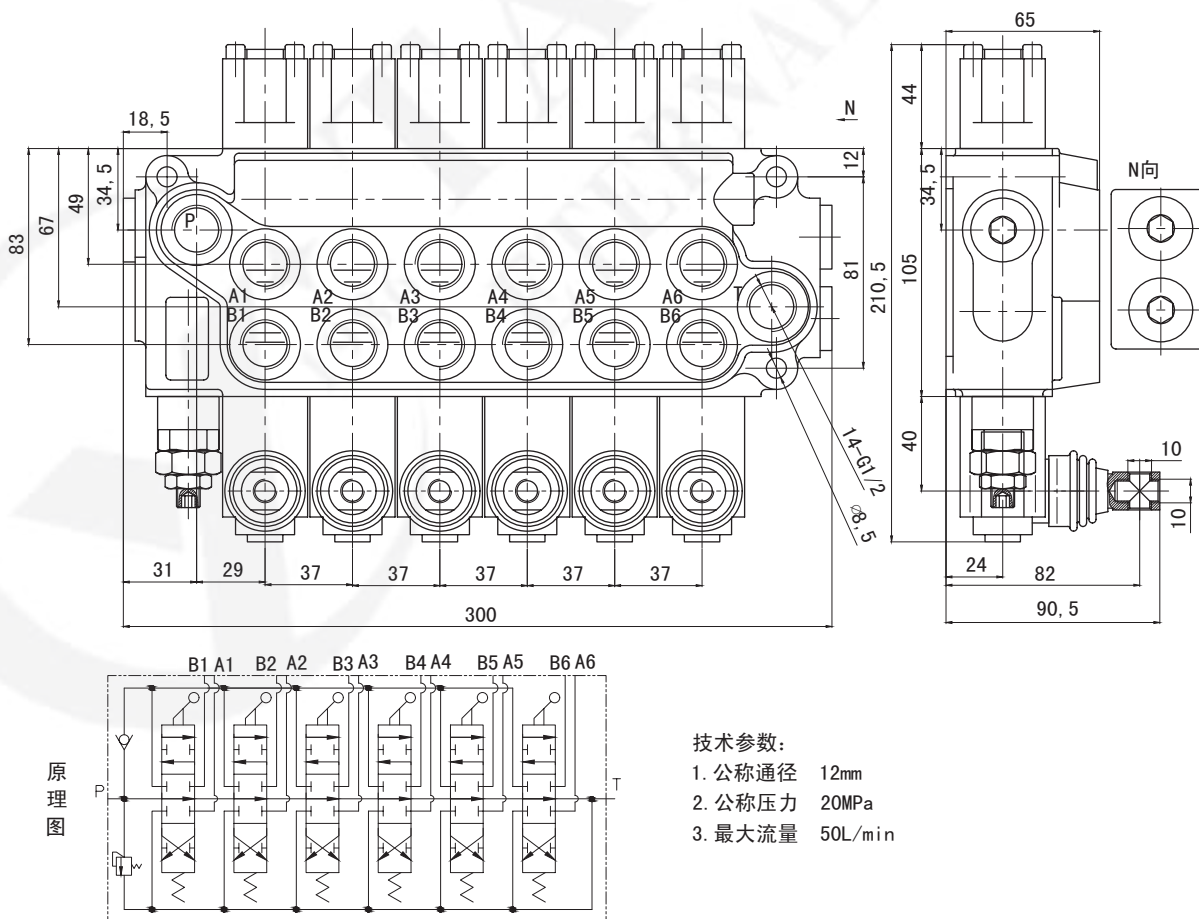
### 型号说明/MODEL CODE



注: 订货有特殊要求者, 请与销售顾问联系。

Note: Special features not listed can often be made to your specifications. Please consult your sales representative.

### DCV40外形安装连接尺寸/MODEL DCV40 DIMENSIONAL DATA



# DCV40气控系列多路阀

## DCV40 Pneumatic Control Valve Series

### 产品描述/SPECIFICATION

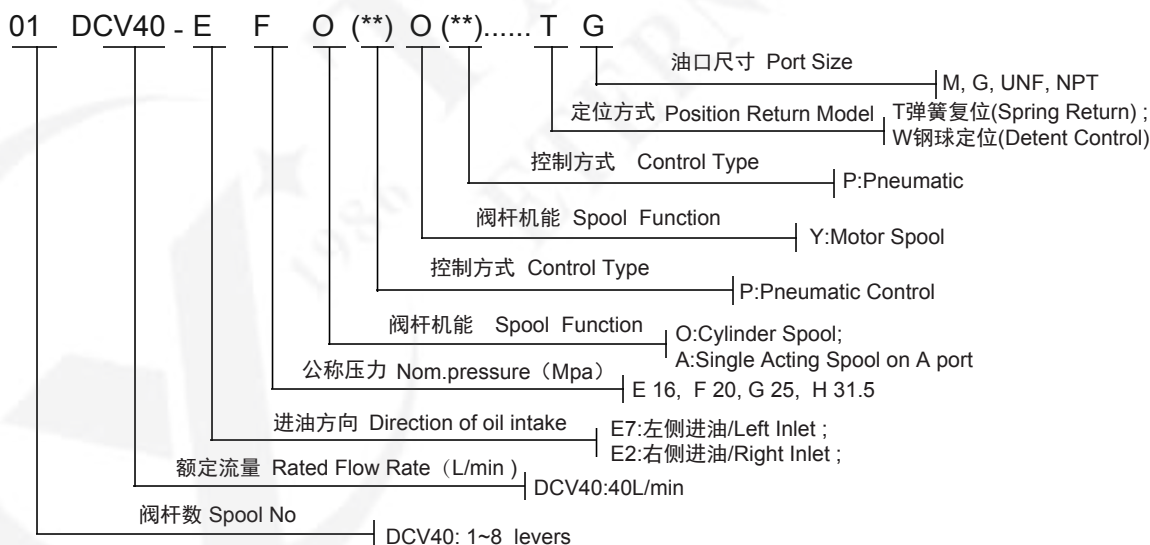
DCV40气控系列多路阀是在DCV40手动控制系列的基础上改进而来。它主要是改变了手动换向阀的操纵机构，在手动的基础上增加了气控控制，能够更好地实现远程控制。DCV40系列多路阀的回油端设置了压力输出口，可与其他液压元件串联使用。根据用户需要，换向阀的操纵机构可以和普通手动控制进行任意组合。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



### 产品特点/FEATURES

- ◆ 内置单向阀：阀体内置单向阀，防止油液倒流
- ◆ 内置安全阀：阀体内置溢流阀，可调节控制系统压力
- ◆ 油路形式：并联油路，带压力输出口
- ◆ 控制方式：气控换向，也可手动换向
- ◆ 阀体结构：整体结构，1-8联任意组合
- ◆ 阀杆机能：O、A、Y等
- ◆ Inner check valve: The check valve inside the valve body to insure the hydraulic oil not to be returned.
- ◆ Inner relief valve: The relief valve inside the valve body is able to adjust the hydraulic system working pressure.
- ◆ Oil way: Parallel circuit, with power beyond.
- ◆ Control Way: pneumatic control, manual control
- ◆ Valve construction: monoblock construction, 1-8 levers are available to assembled as you requests.
- ◆ Spool Function: O,A,Y etc.

### 型号说明/MODEL CODE



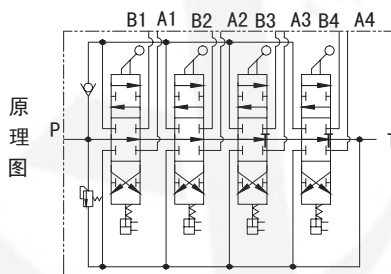
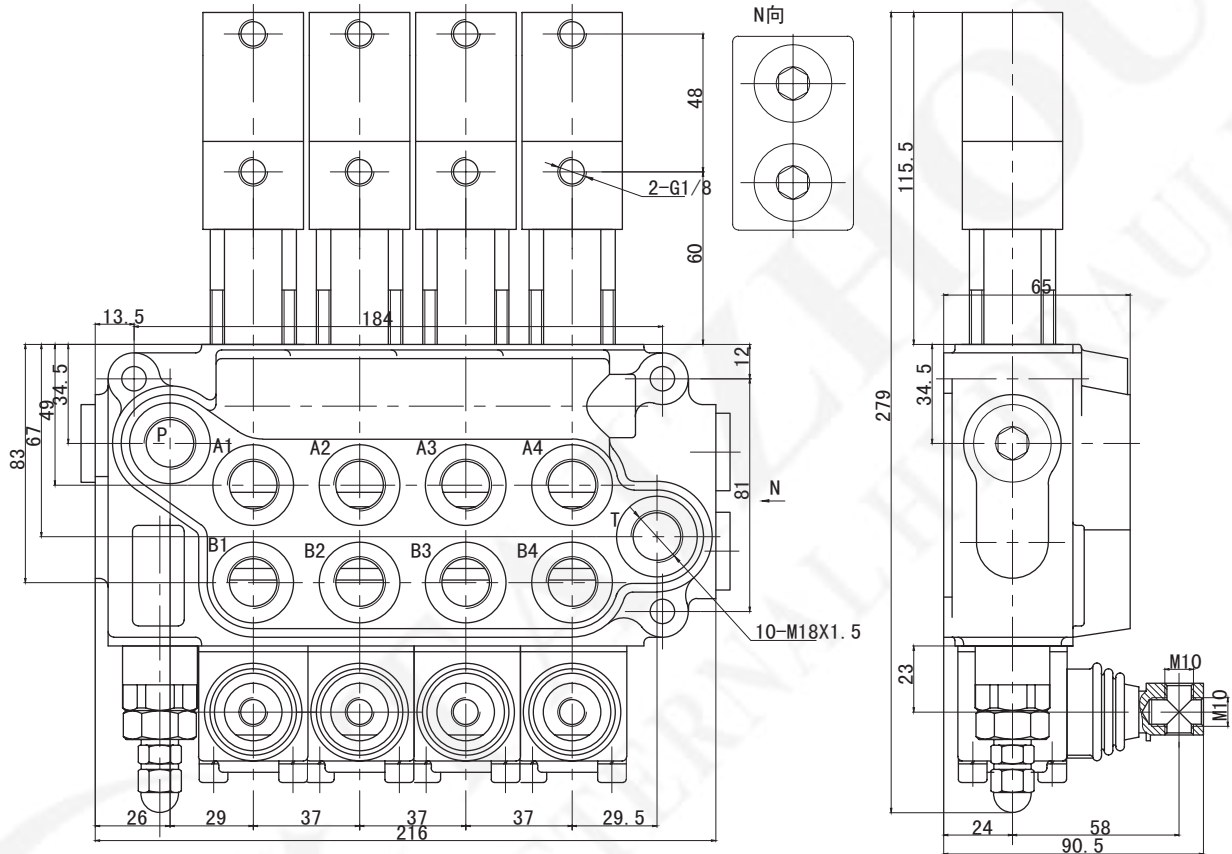
### 技术参数/PARAMETERS

公称压力 (MPa) Nom. Pressure	最大压力 (MPa) Max. Pressure	公称流量 (L/min) Nom. Flow rate	最大流量 (L/min) Max. Flow rate	中位背压 (MPa) Back Pressure	工作油液hydraulic oil		
					温度范围(℃) Tem.rang	粘度范围 (mm2/S) Visc.rang	过滤精度 (μm) filtrating accuracy
20	31.5	40	50	≤1	-20 ~ +80	10 ~ 400	≤10

# DCV40气控系列多路阀

## DCV40 Pneumatic Control Valve Series

### DCV40外形安装连接尺寸/MODEL DCV40 DIMENSIONAL DATA



- 技术参数:
1. 公称通径 12mm
  2. 公称压力 20MPa
  3. 最大流量 50L/min
  4. 工作气压 8Kg

注: 订货有特殊要求者, 请与销售顾问联系。  
Note: Special features not listed can often be made to your specifications. Please consult your sales representative.

# DCV40电气控系列多路阀

## DCV40 Electric and Pneumatic Control Valve

### 产品描述/SPECIFICATION

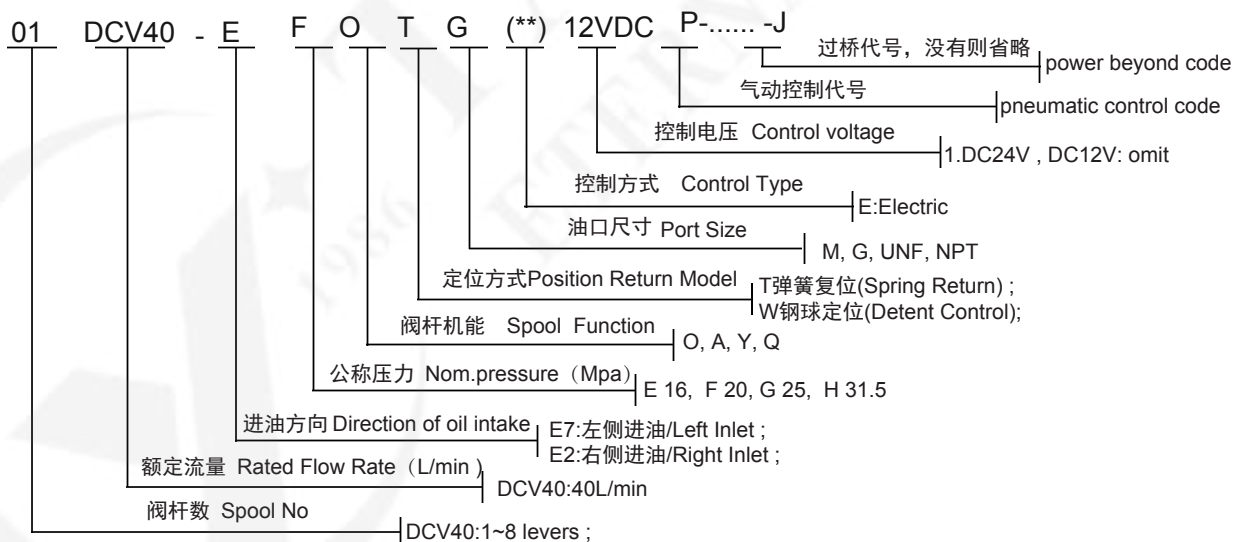
DCV40电气控系列多路阀是在DCV40气控系列的基础上改进而来。它主要是改变了气控换向阀的操纵机构，在气控的基础上增加了电气控制，并且可以根据客户需求，安装无线遥控，能够更好地实现远程控制。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



### 产品特点/FEATURES

- ◆ 内置单向阀：阀体内置单向阀，防止油液倒流
- ◆ 内置安全阀：阀体内置溢流阀，可调节控制系统压力
- ◆ 油路形式：并联油路，带压力输出口
- ◆ 控制方式：气控换向，也可手动换向
- ◆ 阀体结构：整体结构，1-8联任意组合
- ◆ 阀杆机能：O、A、Y等
- ◆ Inner check valve: The check valve inside the valve body to insure the hydraulic oil not to be returned.
- ◆ Inner relief valve: The relief valve inside the valve body is able to adjust the hydraulic system working pressure.
- ◆ Oil way: Parallel circuit, with power beyond.
- ◆ Control Way: electric and pneumatic control, manual control
- ◆ Valve construction: monoblock construction, 1-8 levers are available to be assembled as you requests.
- ◆ Spool Function: O,A,Y etc.

### 型号说明/MODEL CODE



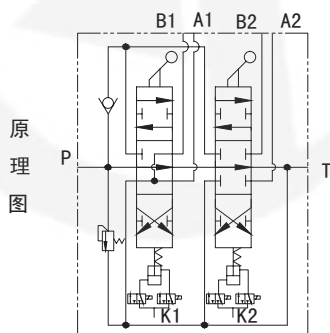
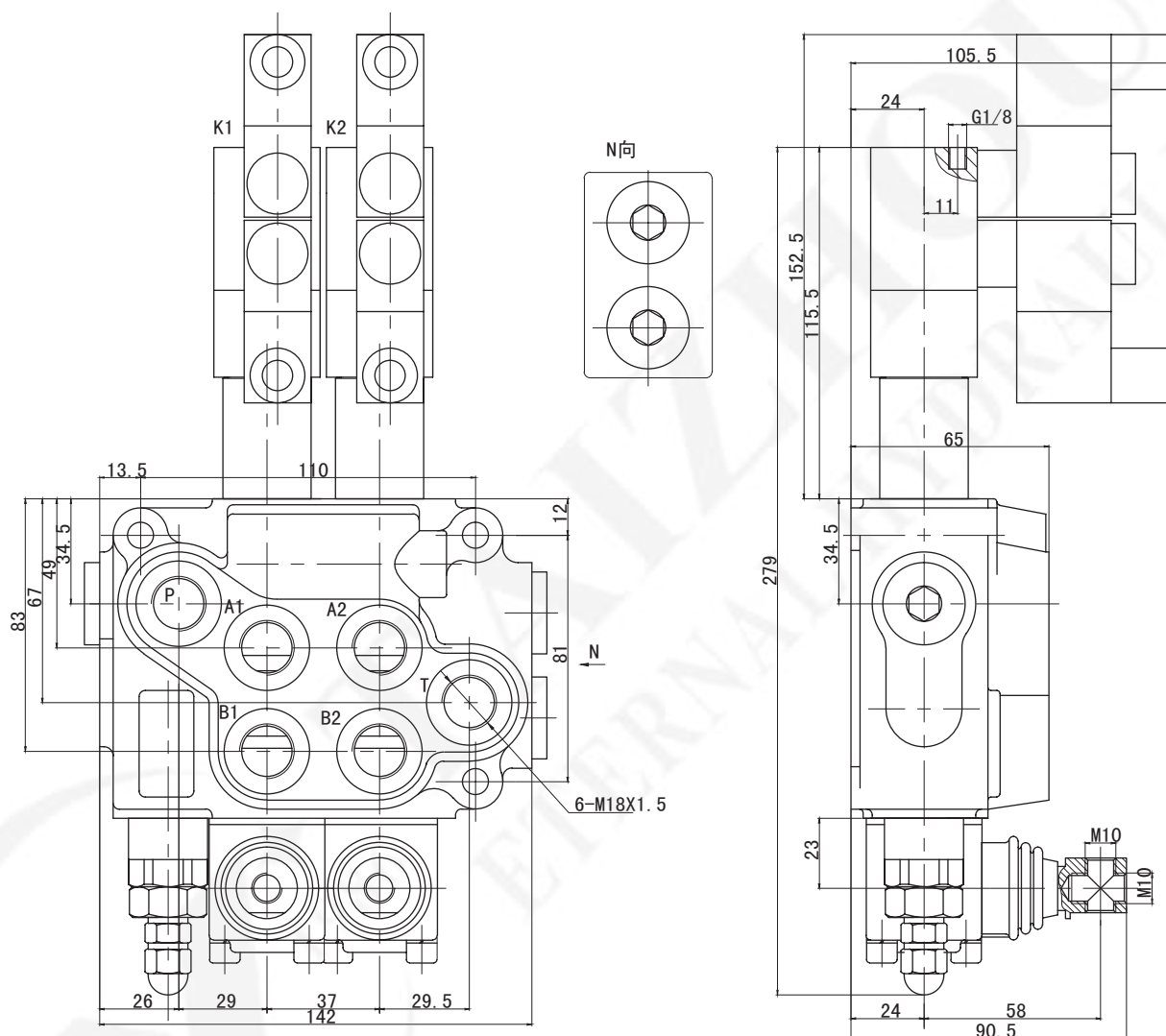
### 技术参数/PARAMETERS

公称压力 (MPa) Nom. Pressure	最大压力 (MPa) Max. Pressure	公称流量 (L/min) Nom. Flow rate	最大流量 (L/min) Max. Flow rate	中位背压 (MPa) Back Pressure	工作油液hydraulic oil		
					温度范围 (℃) Tem.rang	粘度范围 (mm <sup>2</sup> /S) Visc.rang	过滤精度 (μm) filtrating accuracy
20	31.5	40	50	≤1	-20 ~ +80	10 ~ 400	≤10

# DCV40电气控系列多路阀

## DCV40 Electric and Pneumatic Control Valve

### DCV40外形安装连接尺寸/MODEL DCV40 DIMENSIONAL DATA



原理图

技术参数:

1. 公称通径 12mm
2. 公称压力 16MPa
3. 公称流量 50L/min
4. 工作气压 8Kg
5. 控制电压 DC12V/DC24V

注: 订货有特殊要求者, 请与销售顾问联系。

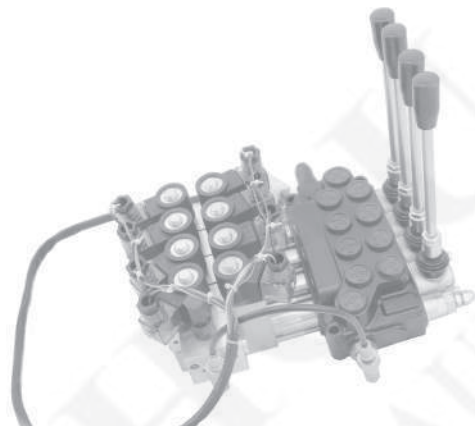
Note: Special features not listed can often be made to your specifications. Please consult your sales representative.

# DCV40电液控系列多路阀

## DCV40 Electric and Hydraulic Control Valve

### 产品描述/SPECIFICATION

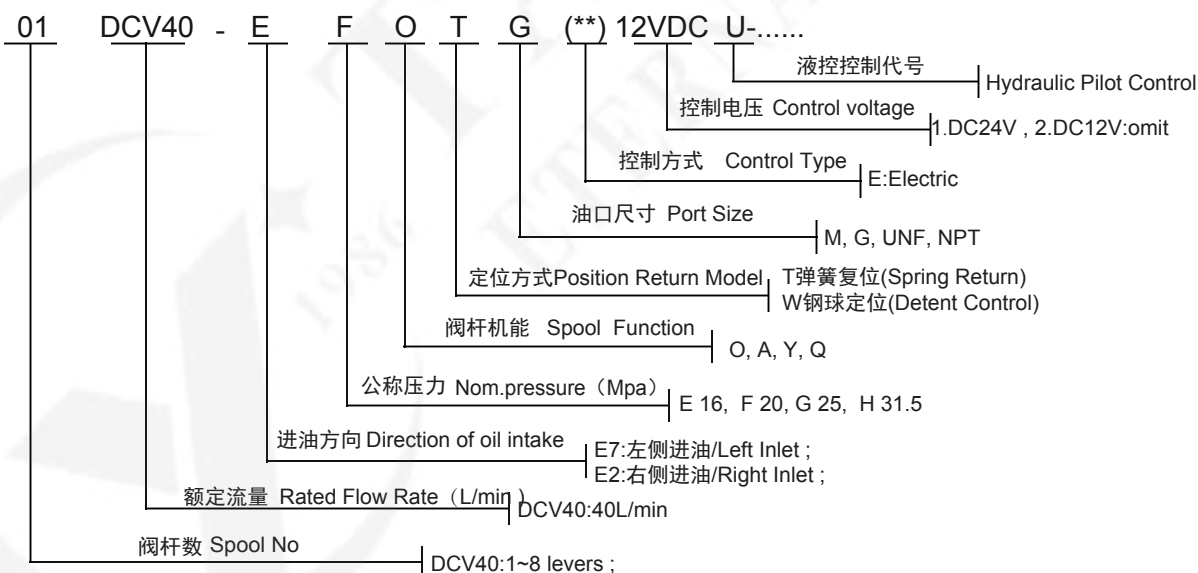
DCV40电液控系列多路阀是在DCV40电气控系列的基础上研发而来。它主要是在没有气源的情况下实现使用的电动控制，并且保留了原本的手动控制，从主油路上分流出一组控制油路，通过电磁阀来控制多路阀的换向工作，并且可以根据客户需求，安装无线遥控，能够更好地实现远程控制。



### 产品特点/FEATURES

- ◆ 内置单向阀：阀体内置单向阀，防止油液倒流
- ◆ 内置安全阀：阀体内置溢流阀，可调节控制系统压力
- ◆ 油路形式：并联油路，带压力输出口
- ◆ 控制方式：气控换向，也可手动换向
- ◆ 阀体结构：整体结构，1-8联任意组合
- ◆ 阀杆机能：O、A、Y等
- ◆ Inner check valve: The check valve inside the valve body to insure the hydraulic oil not be to returned.
- ◆ Inner relief valve: The relief valve inside the valve body is able to adjust the hydraulic system working pressure.
- ◆ Oil way: Parallel circuit, with power beyond.
- ◆ Control Way: electric and hydraulic control, manual control
- ◆ Valve construction: monoblock construction, 1-8 levers are available to be assembled as you requests.
- ◆ Spool Function: O,A,Y etc.

### 型号说明/MODEL CODE



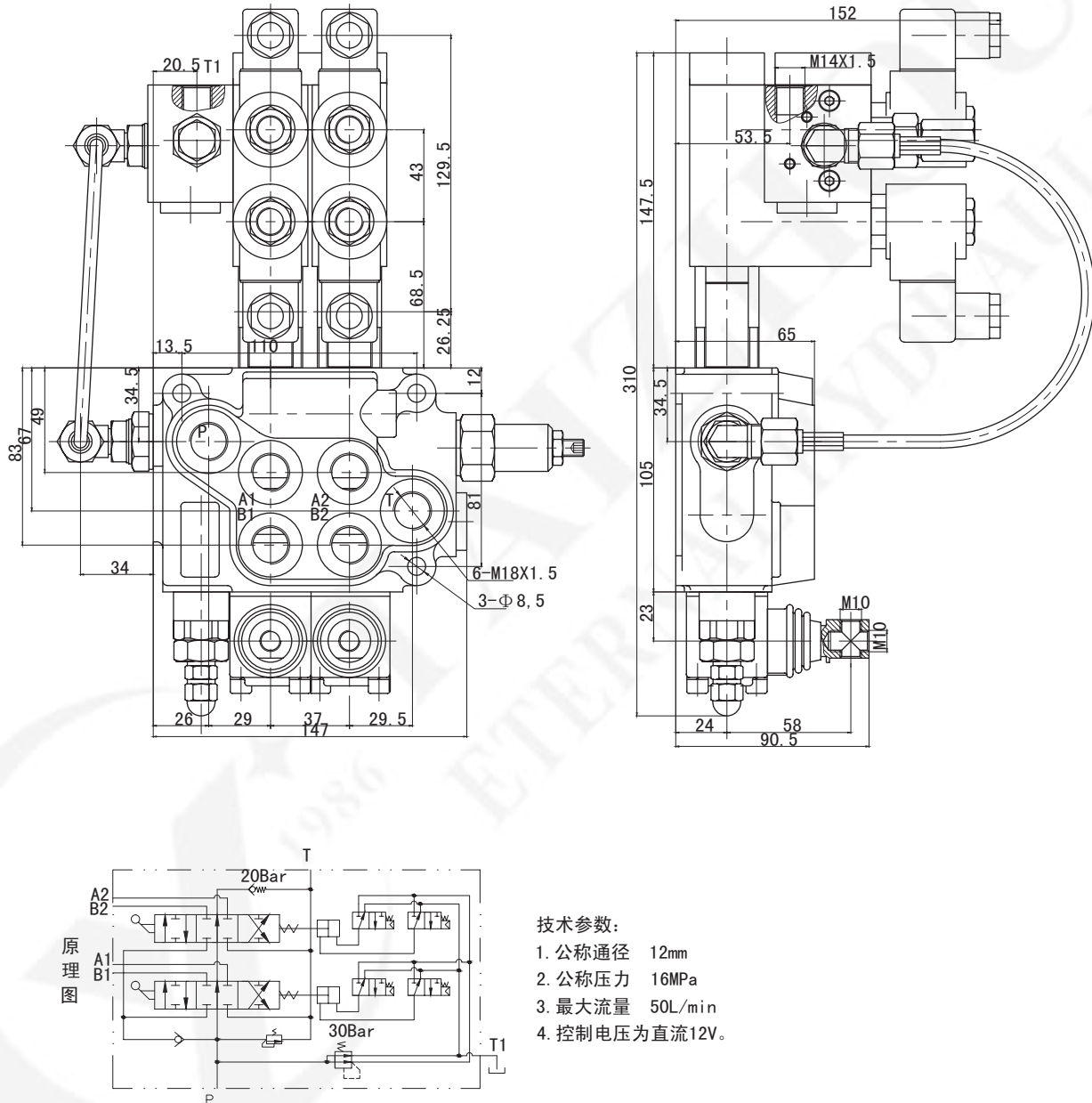
### 技术参数/PARAMETERS

公称压力 (MPa) Nom. Pressure	最大压力 (MPa) Max. Pressure	公称流量 (L/min) Nom. Flow rate	最大流量 (L/min) Max. Flow rate	中位背压 (MPa) Back Pressure	工作油液hydraulic oil		
					温度范围 (℃) Tem.rang	粘度范围 (mm <sup>2</sup> /S) Visc.rang	过滤精度 (μm) filtrating accuracy
20	31.5	40	50	≤2	-20 ~ +80	10 ~ 400	≤10

# DCV40电液控制系列多路阀

## DCV40 Electric and Hydraulic Control Valve

### DCV40外形安装连接尺寸/MODEL DCV40 DIMENSIONAL DATA



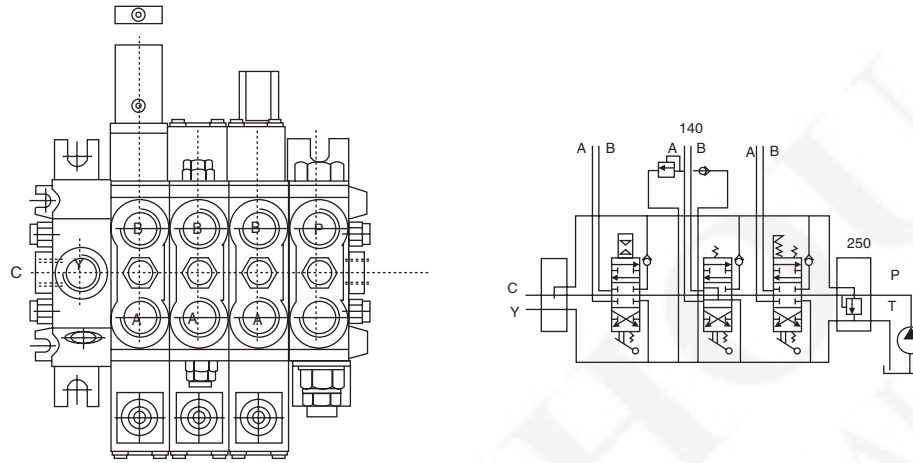
技术参数:

1. 公称通径 12mm
2. 公称压力 16MPa
3. 最大流量 50L/min
4. 控制电压为直流12V。

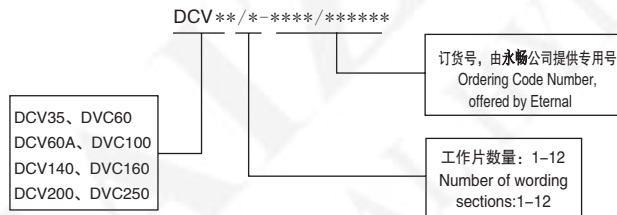
注: 订货有特殊要求者, 请与销售顾问联系。

Note: Special features not listed can often be made to your specifications. Please consult your sales representative.

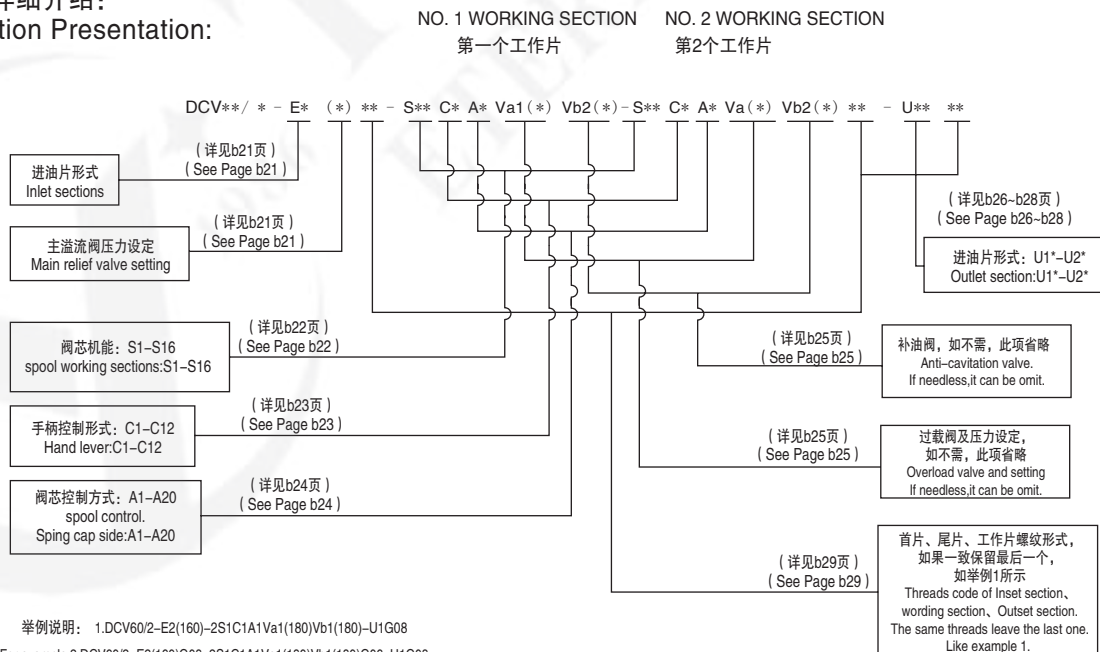
## DCV分体式多路阀如何订货 HOW TO ORDER IN DVC SECTION VALVE



订货编号:  
Order Code Number:



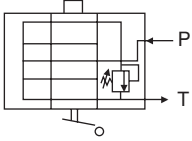
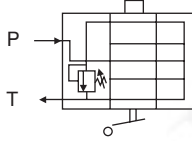
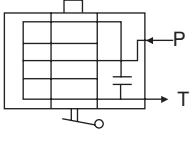
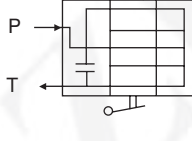
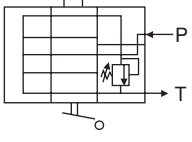
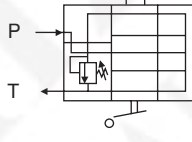
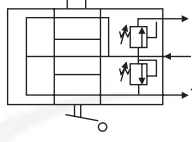
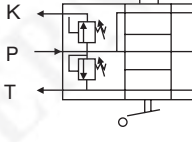
功能详细介绍:  
Function Presentation:



DCV 分体式多路阀选型——进油片  
THE CHOICES OF THE DCV SECTION VALVE--INLET SECTION

DCV*/*	E**	(*)	* *	S**	C*	A*	Va*	Vb*	* *	U**	* *
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进油片 INLET SECTION

	右侧进油 (标准的) 进油口P在顶部 Right inlet section.(Standard) With top p port.	E2		左侧进油 (标准的) 进油口P在顶部 Left inlet section.(Standard) With top p port.	E7						
	右侧进油 进油口P在顶部不带主溢流阀 Right inlet section.(Standard) With top p port.Inlet section without main relief valve.	E23		左侧进油 进油口P在顶部不带主溢流阀 Left inlet section.(Standard) With top p port.Inlet section without main relief valve.	E73						
	右侧进油 进油口P在侧部 Right inlet section.(Standard) With side p port.	E24		左侧进油 进油口P在侧部 Left inlet section.(Standard) With side p port.	E74						
	右侧进油 带减压阀 进油口P在顶部 Right inlet section. With reduce valve	E25		左侧进油 带减压阀 进油口P在顶部 Left inlet section. With reduce valve	E75						
DCV*/*	E**	(*)	* *	S*	C*	A*	Va*	Vb*	* *	U*	* *

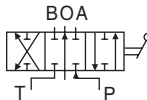
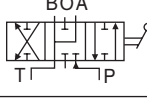
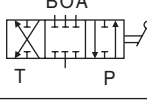
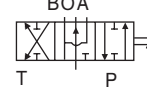
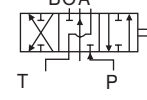
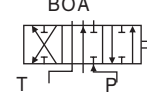
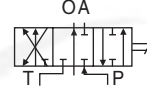
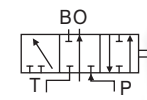
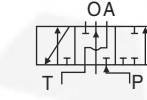
主溢流阀调节压力 (单位:Bar) MAIN RELIFE VALVE SETTING (Units:Bar)

型号示例:所选阀最大流量60L/Min,进油方式为标准的右侧进油,选择主溢流阀压力210Bar,则型号为DCV60/\*-E7 (210).....,如无特殊要求,请按照右表中出厂设定压力来选择所需压力。

ORDER CODE:DCV60/\*-E7 (210) -.....  
1).DCV60:DCV60 series, MAX FLOW:60L/MIN  
2).E7:Inlet section(standard)  
3).210:Main relief valves setting pressure  
If you don't have any special requiriements,  
Choose setting pressure as we list in the table.

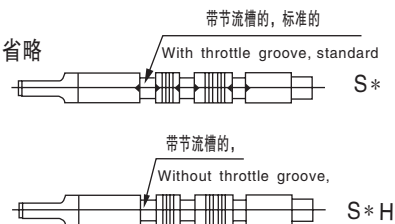
产品型号 Code	DCV60、100、140、160、200			
调压等级 Pressure Grade	A	B	C	D
调压范围 Pressure Range	30~180	100~240	125~265	175~320
出厂设定压力 Standard Setting Pressure	160	200	240	300

DCV 分体式多路阀选型——阀芯机能  
THE CHOICES OF THE DCV SECTION VALVE--WORKINGSECTION SPOOLS

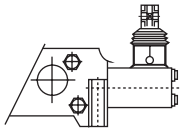
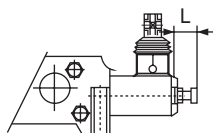
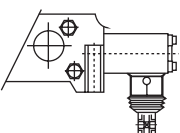
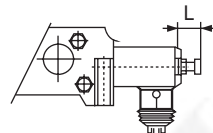
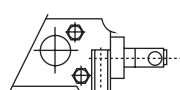
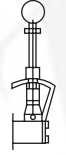
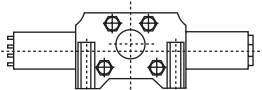
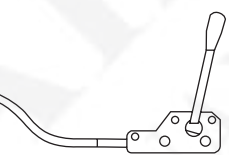
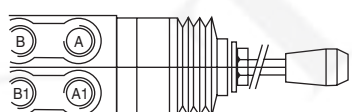
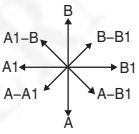
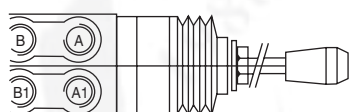
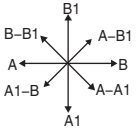
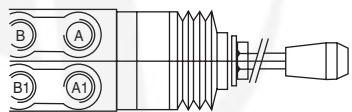
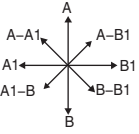
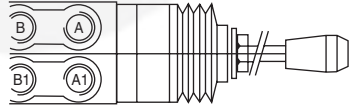
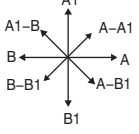
DCV*//*	E**	(*)	**	S**	C*	A*	Va*	Vb*	**	U**	**
					S1			BO			S10
	三位, 双作用 3 positions, double-acting.								三位, B口单作用B通T 3 positions, single-acting in position B. B open when spool in O.		
					S2			BOA			S11
	三位, 双作用 中位时, A,B通T, O关闭 3 positions, double-acting, no passage of oil when spool in O. A and B open when spool in O.								三位, 再生位 (非标) 3 positions, double-acting regenerallye(not slandard).		
					S3			BOA			S12
	三位双作用冲位时无油 3 positions, double-acting, No passage of oil when spool in O.								四位, 双作用.再生 (标准) 4 positions, double-acting with float position.		
					S4			BOA			S13
	三位, 双作用. A,B通T. 3 positions, double-acting. A and B open when spool in O.								三位, 串联回路 3 positions, series circuit double-acting.		
					S5			BOA			S14
	三位, 双作用. P通O, A通T, B关闭 3 positions, double-acting. A open when spool in O, B blocked.								三位, 串联, 阀芯中位时A口通T, B口锁闭 3 positions, series circuit double-acting. A open when spool in O, B blocked.		
					S6			BOA			S15
	三位, 双作用. A关闭. B-T, P-O 3 positions, double-acting. A blocked and B open when spool in O.								三位, 串联, 阀芯中位时A、B口通T, 3 positions, series circuit double-acting. A and B open when spool in O.		
					S7			BOA			S16
	三位, A口单作用 3 positions, single-acting in position A.								三位, 串联, 阀芯中位时B口通T, A口锁闭 3 positions, series circuit double-acting. B open when spool in O, A blocked.		
					S8			BOA			S18
	三位, B口单作用 3 positions, single-acting in position B.								三位, B口带安全控制阀 3 positions, port B with safety valve		
					S9						
	三位, A口单作用A通T 3 positions, single-acting in position A. A open when spool in O.										

S \* H

"H"代表阀芯不带节流槽, 为非标供货形式, 否则省略  
Spools without throttle groove, write "H". this  
one is nonstan dard, if not you should write  
nothing here  
阀芯机能, 见上表  
Working section spools, see the table above



DCV 分体式多路阀选型——阀芯前端操纵选择  
THE CHOICES OF THE DCV SECTION VALVE--SPOOL CONTROL HANDLE SIDE

DCV*//*	E**	(*)	**	S**	C*	A*	Va*	Vb*	**	U**	**
			标准 Standard		C1			阀芯行程调节 Spool stroke adjustment. DCV35:L=26 DCV60:L=27 DCV100、140:L=31 DCV200:L=33			C5
			手柄旋转180° 安装 Handle at 180°		C2			阀芯行程可调, 手柄旋转180° 安装 Spool stroke adjustment. Handle at 180° DCV35:L=26 DCV60:L=27 DCV100、140:L=31 DCV200:L=33			C6
			无控制杆 Without handle.		C3			安全手柄锁在中位 Safety handle locked in neutral position.		C7/a	
								安全手柄锁在A位 Safety handle locked in position A.		C7/b	
								安全手柄锁在B位 Safety handle locked in position B.		C7/c	
								安全手柄锁在A和B位 Safety handle locked in position A and B.		C7/d	
								安全手柄锁在第四位 Safety handle locked in 4th position.		C7/e	
			液控 Hydraulic control		C4			软轴遥控 Flexible cable control-Contact our comm.dep.			C8
								90° 操纵支点在下游片 Cloche control at 90° with fulcrum on the downstream section.			C9
								90° 操纵支点在上游片 Cloche control at 90° with fulcrum on the upstream section.			C10
								90° 操纵支点在下游片, 手柄旋转180° 安装 Cloche control at 90° with fulcrum on the downstream section.handle at 180°			C11
								90° 操纵支点在上游片, 手柄旋转180° 安装 Cloche control at 90° with fulcrum on the upstream section.handle at 180°			C12

DCV 分体式多路阀选型——阀芯后端控制选择  
THE CHOICES OF THE DCV SECTION VALVE--SPOOL CONTROL SPRING CAP SIDE

DCV*/*	E**	(*)	**	S**	C*	A*	Va*	Vb*	**	U**	**
		三个位置, 弹簧对中 3 positions.spring centred spool.			A1			预留的, 双侧操纵, 外螺纹连接 Prearranged for double control.			A13
		三个位置, 弹簧对中,AB定位 3 positions.spring centred spool.detent in A and B.			A2			预留的, 双侧操纵, 内螺纹连接 Prearranged for double control.			A13N
		三个位置, 弹簧对中,A定位 3 positions.spring centred spool.detent in A.			A3			三个位置, A,B,O定位.无弹簧复位。 带外螺纹连接双侧操纵。 3 positions.detent in A,B and O.Prearranged for double control.Without spring centred			A713
		三个位置, 弹簧对中,B定位 3 positions.spring centred spool.detent in B.			A4			三个位置, A,B,O定位.无弹簧复位。 带内螺纹连接双侧操纵。 3 positions.detent in A,B and O.Prearranged for double control.Without spring centred			A713N
		四个位置, 弹簧对中, 第四个位置定位 4 positions.spring centred spool.detent in 4th position.			A5			气缸控制 ON-OFF pneumatic control.			A14
		四个位置, 弹簧对中, 第四位置浮动 4 positions.spring centred spool.sensitive 4th position without detent.			A6			12V 电液控 Electrohydraulic control ON-OFF.Voltage 12 Volt c.c			A15
		三个位置, 弹簧对中,A,B,O定位 3 positions.spring centred spool.detent in A,Band O.			A7			24V 电液控 Electrohydraulic control ON-OFF.Voltage 24 Volt c.c			A16
		三个位置, A,B,O定位,无弹簧复位 3 positions.detent in A,B and O.Without spring centred			A7			12V 电气控制 ON-OFF eletropneumatic, 12 Volt.			A171
		两个位置 (O和B), 弹簧复位 2 positions ( O and B ) ,spring centred spool.			A8			24V 电气控制 ON-OFF eletropneumatic, 24 Volt.			A172
		两个位置 (O和A), 弹簧复位 2 positions ( O and A ) ,spring centred spool.			A9			三个位置, 弹簧对中,带各种微动开关 3 positions.spring centredspool. Several microswith applications are available.			A18
		二个位置 (O和B), 弹簧复位, B定位 2 positions ( O and B ) ,spring centred spool, detent in B.			A10			阀芯行程可调 Spool stroke adjustment.			A20
		二个位置, 弹簧对中,A定位 2 positions ( O and A ) ,spring centred spool, detent in A.			A11			油缸控制 ON-OFF hydraulic control.			A24

DCV 分体式多路阀选型——油口选择阀  
THE CHOICES OF THE DCV SECTION VALVE

DCV*/*	E**	(*)	**	S**	C*	A*	Va*	Vb*	**	U**	**
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油口选择阀 SERVICE PORT VALVES

	过载阀用于A口 Overload valve in position A	Va1		过载阀用于B口 Overload valve in position B	Vb1
	补油阀用于A口 Anti-cavitation valve in position A	Va2		补油阀用于B口 Anti-cavitation valve in position B	Vb2
	复合阀用于A口 Combined valve in position A	Va3		复合阀用于B口 Combined valve in position B	Vb3

过载阀调节压力 (单位:Bar) MAIN OVERLOAD VALVE(Units:Bar)

型号示例:所选阀最大流量60L/Min, 阀中第一联工作片的A、B油口均安装过载阀, 压力均为180Bar, 则型号为DCV60/\*-E\*(\*)-S\*C\*A\*Va1(180) Vb1 (180).....如无特殊要求, 请按照下表中出厂设定压力来选择所需压力。

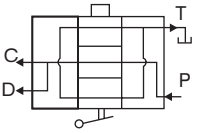
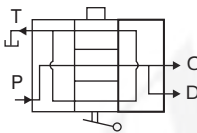
ORDER CODE:DCV60/\*-E\*(\*)-S\*C\*A\*Va1  
(180) Vb1 (180) .....  
1). DCV60:DCV60 series, MAX FLOW: 60L/MIN  
2). Double 180: Overload valve in position A&B  
Both of the pressure are 180 Bar  
If you don't have any special requirements,  
Choose setting pressure as we list in the table.

产品型号 Code	DCV60、100、140、160				DCV200			
	A	B	C	D	A	B	C	D
调压等级 Pressure Grade	A	B	C	D	A	B	C	D
调压范围 Pressure Range	30~100	80~160	140~220	200~300	30~100	90~150	140~220	200~300
出厂设定压力 Standard Pressure	80	140	200	280	60	120	200	250

## DCV 分体式多路阀选型——出油口形式 THE CHOICES OF THE DCV SECTION VALVE——OUTLET SECTION

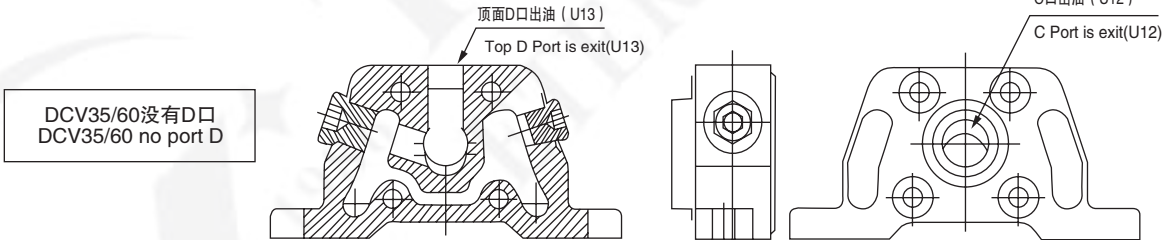
DCV*/*	E**	(*)	**	S**	C*	A*	Va*	Vb*	**	U**	**
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### DCV35/60/60A/100出油片OUTLET SECTION

	出油片在左侧,T口(在首片顶部)为出油口 Left outlet section,T is the exit port, on top of inset section		出油片在右侧,T口(在首片顶部)为出油口 Right outlet section,T is the exit port, on top of inset section	U1	D口没有, C口堵塞
	出油片在左侧,C口(在尾片侧面)为出油口 Left outlet section,C is the exit port, and on side of outset section		出油片在右侧,C口(在尾片侧面)为出油口 Right outlet section,C is the exit port, and on side of outset section	U12	T口没有, D口堵塞
	出油片在左侧,D口(在尾片顶部)为出油口 Left outlet section,D is the exit port, and on top of outset section		出油片在右侧,D口(在尾片顶部)为出油口 Right outlet section,D is the exit port, and on top of outset section	U13	T、C口堵塞
	出油片在左侧,两个出油口, T口和C口 Left outlet section,with two exit port T&C		出油片在右侧,两个出油口, T口和C口 Right outlet section,with two exit port T&C	U2	C口过桥, D口没有
	出油片在左侧,两个出油口, T口和D口 Left outlet section,with two exit port T&D		出油片在右侧,两个出油口, T口和D口 Right outlet section,with two exit port T&D	U23	D口过桥, C口堵塞

U1\*尾片内部结构(下图按三视图关系放置)  
尾片为U1\*形式时,过桥口内部堵头不装,  
此时T口、C口、D口相连通,  
可使用其中任一出口。

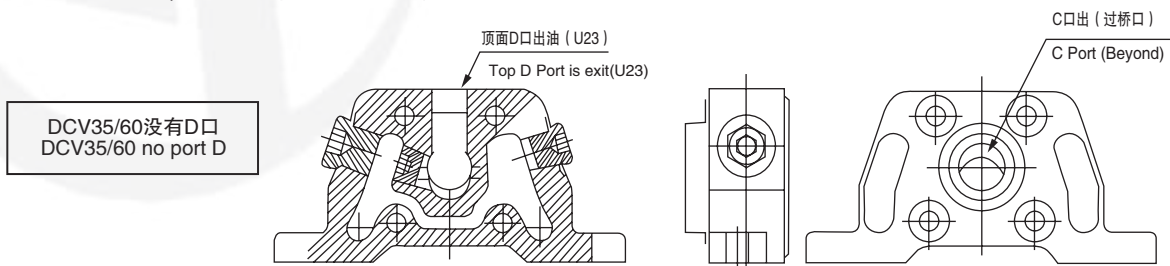
U1 outlet section material structure:  
The small port inside beyond port without plug, T port, C port and D port are connected, oil can flow out in any one of them.



DCV35/60没有D口  
DCV35/60 no port D

U2\*尾片内部结构(下图按三视图关系放置)  
尾片为U2\*形式时,过桥口内部装堵头,  
此时两个回油T口和C口(D口)不通,  
此时T口回油用, C口或D口供另外油路使用。

U2outlet section material structure:  
The small port inside beyond port without plug, T port and C port (D port) are not connected, T port is used for oil return. C port(D port) is used for another oil-way.



DCV35/60没有D口  
DCV35/60 no port D

DCV 分体式多路阀选型——出油口形式  
THE CHOICES OF THE DCV SECTION VALVE——OUTLET SECTION

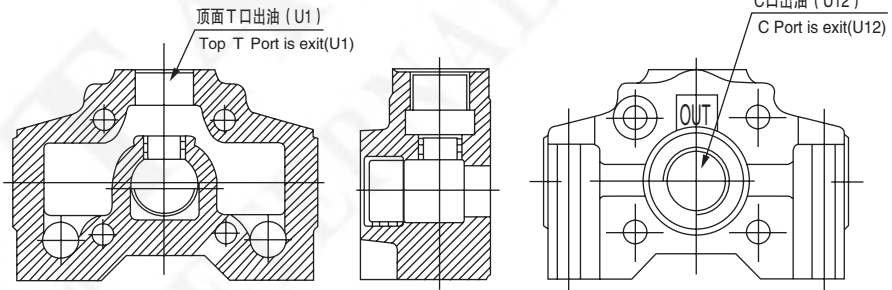
DCV*/*	E**	(*)	**	S**	C*	A*	Va*	Vb*	**	U**	**
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DCV140/200 出油片 OUTLET SECTION

	出油片在左侧,T口(在尾片顶部)为出油口 Left outlet section,T is the exit port, on top of onset section		出油片在右侧,T口(在尾片顶部)为出油口 Right outlet section,T is the exit port, on top of onset section	U1	D口没有, C口堵塞
	出油片在左侧,C口(在尾片侧面)为出油口 Left outlet section,C is the exit port, and on side of outset section		出油片在右侧,C口(在尾片侧面)为出油口 Right outlet section,C is the exit port, and on side of outset section	U12	T口没有, D口堵塞
	出油片在左侧,两个出油口, T口和C口 Left outlet section,with two exit port T&C		出油片在右侧,两个出油口, T口和C口 Right outlet section,with two exit port T&C	U2	T、C口堵塞

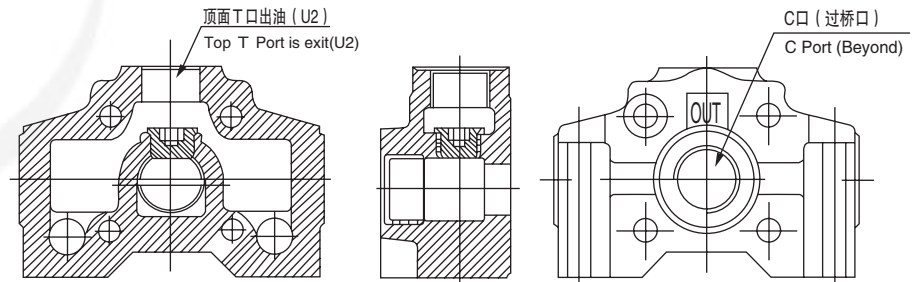
U1\*尾片内部结构(下图按三视图关系放置)  
尾片为U1\*形式时,过桥口内部堵头不装,  
此时T口、C口、D口相连通,  
可使用其中任一出油口。

U1 outlet section material structure:  
The small port inside beyond port without plug, T port、 C port and D port are connected,oil can flow out in anyone of them.



U2\*尾片内部结构(下图按三视图关系放置)  
尾片为U2\*形式时,过桥口内部装堵头,  
此时两个回油T口和C口 (D口) 不通,  
此时T口回油用, C口或D口供另外油路使用。

U2outlet section material structure:  
The small port inside beyond port without plug, T port and C port (D port) are not connected, T port is used for oil return. C port(D port)is used for another oil-way.



## DCV 分体式多路阀选型——出油口形式 THE CHOICES OF THE DCV SECTION VALVE——OUTLET SECTION

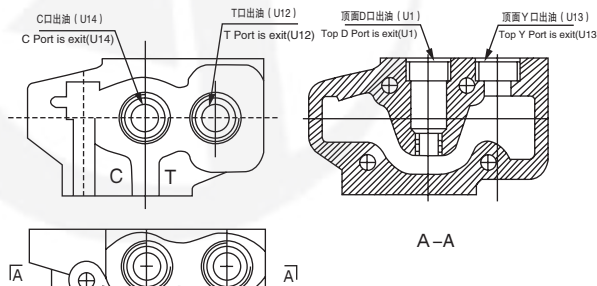
DCV*/*	E**	(*)	**	S**	C*	A*	Va*	Vb*	**	U**	**
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### DCV160/250 出油片 OUTLET SECTION

	出油片在左侧,T口(在尾片顶部)为出油口 Left outlet section,T is the exit port, on top of onset section		出油片在右侧,T口(在尾片顶部)为出油口 Right outlet section,T is the exit port, on top of onset section	U1	C口、D口堵塞 Y口没有
	出油片在左侧,C口(在尾片顶部)为出油口 Left outlet section,C is the exit port, on top of onset section		出油片在右侧,C口(在尾片顶部)为出油口 Right outlet section,C is the exit port, on top of onset section	U12	T口、D口堵塞 Y口没有
	出油片在左侧,D口(在尾片顶部)为出油口 Left outlet section,D is the exit port, on top of onset section		出油片在右侧,D口(在尾片顶部)为出油口 Right outlet section,D is the exit port, on top of onset section	U13	C口、T口堵塞 Y口没有
	出油片在左侧,Y口(在尾片顶部)为出油口 Left outlet section,Y is the exit port, on top of onset section		出油片在右侧,Y口(在尾片顶部)为出油口 Right outlet section,Y is the exit port, on top of onset section	U14	C口、D口堵塞 Y口没有
	出油片在左侧,两个出油口, C口和T口 Left outlet section,with two exit port C&T		出油片在右侧,两个出油口, C口和T口 Right outlet section,with two exit port C&T	U2	C口过桥 Y口、D口堵塞
	出油片在左侧,两个出油口, C口和Y口 Left outlet section,with two exit port C&Y		出油片在右侧,两个出油口, C口和Y口 Right outlet section,with two exit port C&Y	U22	C口过桥 D口、T口堵塞
	出油片在左侧,两个出油口, D口和T口 Left outlet section,with two exit port D&T		出油片在右侧,两个出油口, D口和T口 Right outlet section,with two exit port D&T	U23	D口过桥 C口、Y口堵塞
	出油片在左侧,两个出油口, D口和Y口 Left outlet section,with two exit port D&Y		出油片在右侧,两个出油口, D口和Y口 Right outlet section,with two exit port D&Y	U24	D口过桥 C口、T口堵塞

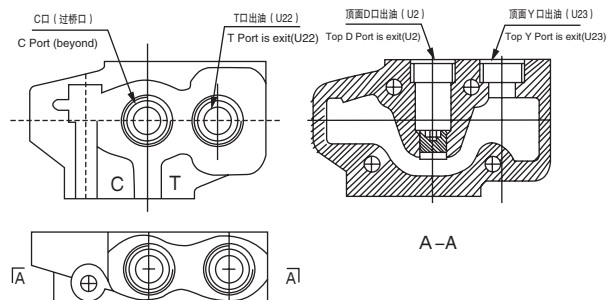
U1\*尾片内部结构(下图按三视图关系放置)  
尾片为U1\*形式时,过桥口内部堵头不装,  
此时T口、C口、D口、Y口相连接,  
可使用其中任一出油口。

U1 outlet section material structure:  
The small port inside beyond port without plug,T port、C Port Dport and Yport are connected,oil can flow out in any one of them.



U2\*尾片内部结构(下图按三视图关系放置)  
尾片为U2\*形式时,过桥口内部装堵头,  
此时回油T口(或Y口)和C口(或D口)不通,  
此时T口、Y口中任意一个口回油用,C口或D口中任一供另外油路使用。

U2 outlet section material structure:  
The small port inside beyond port without plug,T port (or Y port) and C port (D port) are not connected,T or Yport is used for oil return.C or D port(D port)is used for another oil-way.



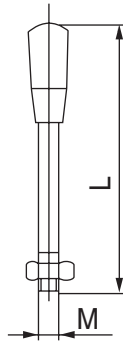
DCV 分体式多路阀选型——油口尺寸  
THE CHOICES OF THE DCV SECTION VALVE——SIZE OF THE PORTS

DCV*//*	E**	(*)	**	S**	C*	A*	Va*	Vb*	**	U**	**
产品型号 Code	DCV35										
标准油口尺寸 Standard ports Sizes	G3/8										
油口尺寸 Ports Sizes	G1/4	G3/8	M16x 1.5	NPT1/4	NPT3/8	1/2-20UNF	5/8-18UNF				
油口代号 Ports Codename	G04	G06	M16	N04	N06	N08	U10				
产品型号 Code	DCV60										
标准油口尺寸 Standard ports Sizes	G1/2										
油口尺寸 Ports Sizes	G3/8	G1/2	M20x 1.5	NPT3/8	NPT1/2	5/8-18UNF	3/4-18UNF				
油口代号 Ports Codename	G06	G08	M20	N06	N08	N10	U12				
产品型号 Code	DCV100										
标准油口尺寸 Standard ports Sizes	G3/4										
油口尺寸 Ports Sizes	G1/2	G3/4	M27x 2	NPT1/2	NPT3/4	3/4-16UNF	1-12UNF				
油口代号 Ports Codename	G08	G12	M27	N08	N12	N12	U16				
产品型号 Code	DCV140										
标准油口尺寸 Standard ports Sizes	G3/4										
油口尺寸 Ports Sizes	G3/4	G1	M33x 2	NPT3/4	NPT1	1-12UNF	11/8-12UNF				
油口代号 Ports Codename	G12	G16	M33	N12	N16	N16	U22				
产品型号 Code	DCV160首片			DCV160工作片				DCV160尾片			
标准油口尺寸 Standard ports Sizes	G1			G3/4				G1			
油口尺寸 Ports Sizes	G3/4	G1	M33x 2	NPT3/4	NPT1	1-12UNF	11/8-12UNF				
油口代号 Ports Codename	G12	G16	M33	N12	N16	N16	U22				
产品型号 Code	DCV200										
标准油口尺寸 Standard ports Sizes	G1										
油口尺寸 Ports Sizes	G3/4	G1	M33x 2	NPT3/4	NPT1	1-12UNF	11/8-12UNF				
油口代号 Ports Codename	G12	G16	M33	N12	N16	N16	U22				
产品型号 Code	DCV250										
标准油口尺寸 Standard ports Sizes	G1										
油口尺寸 Ports Sizes	G3/4	G1	M33x 2	NPT3/4	NPT1	1-12UNF	11/8-12UNF				
油口代号 Ports Codename	G12	G16	M33	N12	N16	N16	U22				

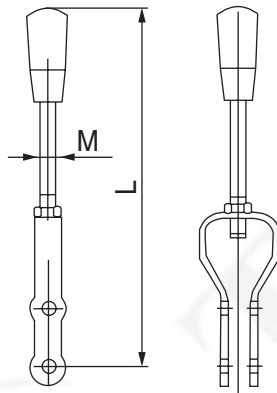
注：阴影部分为标准油口代码，其他为非标油口。

Nates:The shaded areas in the table is standard sizes, the others is nonstandard.

**DCV 分体式多路阀手柄尺寸**  
**SIZE OF THE HANDLE IN THE DCV SECTION VALVE**



	M	L
DCV35	M8	170
DCV60	M10	210
DCV100	M10	210
DCV140	M10	210
DCV200	M12	260



	M	L
DCV160	M10	222
DCV250	M12	230

**材料说明:**

- 1.手柄材料为尼龙;
- 2.手柄杆为45#钢, 表面防锈处理, 特殊的尺寸或形式可定制。

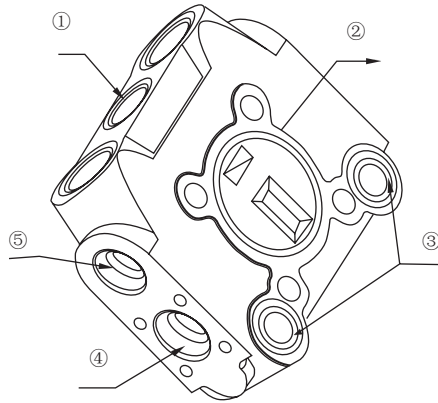
**MATERIAL:**

1. Handle:Nylon.
  2. Handle lever:Steel(45#) , it has been treated against rust.
- We can produce exceptional size according to customers ' requirements.

## DCV 分体式多路阀 密封件 SEALS COMPONENT FOR DCV SECTION VALVE

### 维修密封件信息

### Information maintain seals

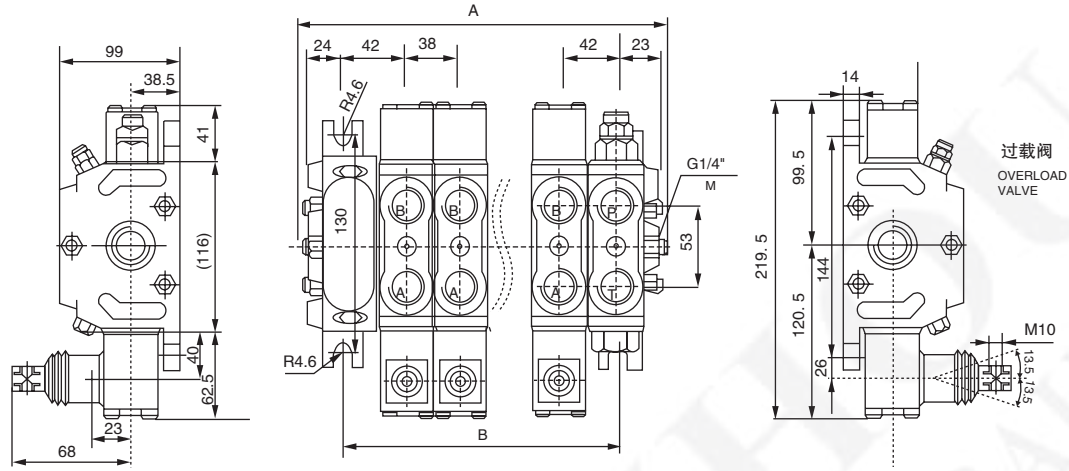


标\*处密封件:  
Sign "\*" seals:  
\*\*\*\* / \*\*\*\*

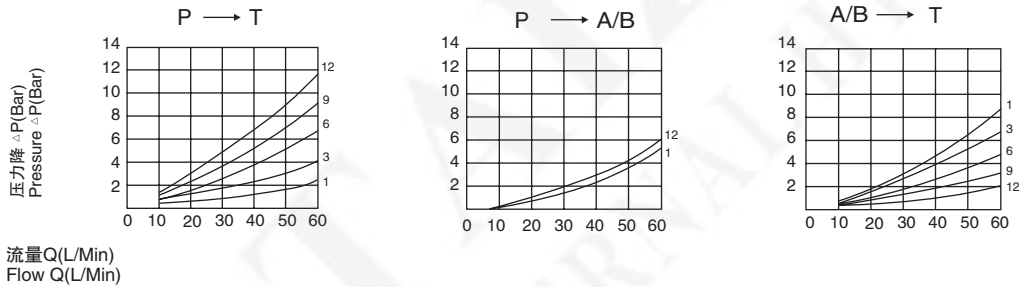
表示新结构密封件尺寸  
Size of seals in new structure  
表示旧结构密封件尺寸  
Size of seals in old structure

型号 Type Of Valve	①		②	③
	O形圈或ED圈* O-Ring or Captive	密封挡圈 Back-Up Rings	O形圈或方形圈* O-Ring or Square-Ring	O形圈 O-Ring
DCV 35	9.19 × 2.62 (1 pcs) / —	—	— / —	—
DCV 60	12.7 × 2.62 (1 pcs) / —	13.08 × 2.18 × 1.35 (1 pcs)	45.69 × 2.62 (1 pcs) / 36.17 × 2.62	17.13 × 2.62 (2 pcs)
DCV 100	19.3 × 2.2 (1 pcs) / 19.6 × 24.3 × 1.5 (1 pcs)	—	48.9 × 2.62 (1 pcs) / 44.12 × 2.62	18.72 × 2.62 (2 pcs)
DCV 140	19.3 × 2.2 (1 pcs) / 19.6 × 24.3 × 1.5 (1 pcs)	—	53.65 × 2.62 (1 pcs) / —	21.89 × 2.62 (2 pcs)
DCV 160	23.47 × 2.62 (1 pcs) / —	—	33 × 2.62 (3 pcs) 39.34 × 2.62 (1 pcs) / —	—
DCV 200	23.47 × 2.62 (1 pcs) / 23.9 × 29.2 × 1.5 (1 pcs)	—	58.42 × 2.62 (1 pcs) / 48.9 × 2.62	21.89 × 2.62 (2 pcs)
DCV 250	23.47 × 2.62 (1 pcs) / —	—	39.34 × 2.62 (3 pcs) 45.69 × 2.62 (1 pcs) / —	—
型号 Type Of Valve	④	⑤		
	O形圈 O-Ring	O形圈或ED圈* O-Ring or Captive	O形圈 O-Ring	密封挡圈 Back-Up Rings
DCV 35	11.7 × 2.62 (2 pcs)	— / 15.7 × 20.9 × 1.5 (2 pcs)	11.8 × 1.8 (2 pcs) 10.82 × 1.78 (2 pcs)	—
DCV 60	17.13 × 2.62 (2 pcs)	17.8 × 1.9 (2 pcs) / 17.8 × 22.9 × 1.5 (2 pcs)	14.8 × 1.9 (2 pcs) 14 × 1.78 (2 pcs)	14.4 × 1.3 × 1.24 (2 pcs)
DCV 100	18.72 × 2.62 (2 pcs)	19.8 × 1.9 (2 pcs) / 19.6 × 24.3 × 1.5 (2 pcs)	16 × 1.8 (2 pcs) 13.95 × 2.62 (2 pcs)	14.66 × 2.18 × 1.35 (2 pcs)
DCV 140	18.72 × 2.62 (2 pcs)	23.47 × 2.62 (2 pcs) / 23.9 × 22.9 × 1.5 (2 pcs)	16 × 1.8 (2 pcs) 17.13 × 2.62 (2 pcs)	17.6 × 2.18 × 1.35 (2 pcs)
DCV 160	18.72 × 2.62 (2 pcs)	23.47 × 2.62 (2 pcs) / 23.9 × 22.9 × 1.5 (2 pcs)	16 × 1.8 (2 pcs) 17.13 × 2.62 (2 pcs)	17.6 × 2.18 × 1.35 (2 pcs)
DCV 200	21.89 × 2.62 (2 pcs)	23.47 × 2.62 (2 pcs) / 23.9 × 22.9 × 1.5 (2 pcs)	19.8 × 1.9 (2 pcs) 17.13 × 2.62 (2 pcs)	17.6 × 2.18 × 1.35 (2 pcs)
DCV 250	21.89 × 2.62 (2 pcs)	23.47 × 2.62 (2 pcs) / 23.9 × 22.9 × 1.5 (2 pcs)	19.8 × 1.9 (2 pcs) 17.13 × 2.62 (2 pcs)	17.6 × 2.18 × 1.35 (2 pcs)

DCV60系列多路阀  
SECTION VALVE DCV60



压力损失曲线  
Pressure Drop Flow Curves

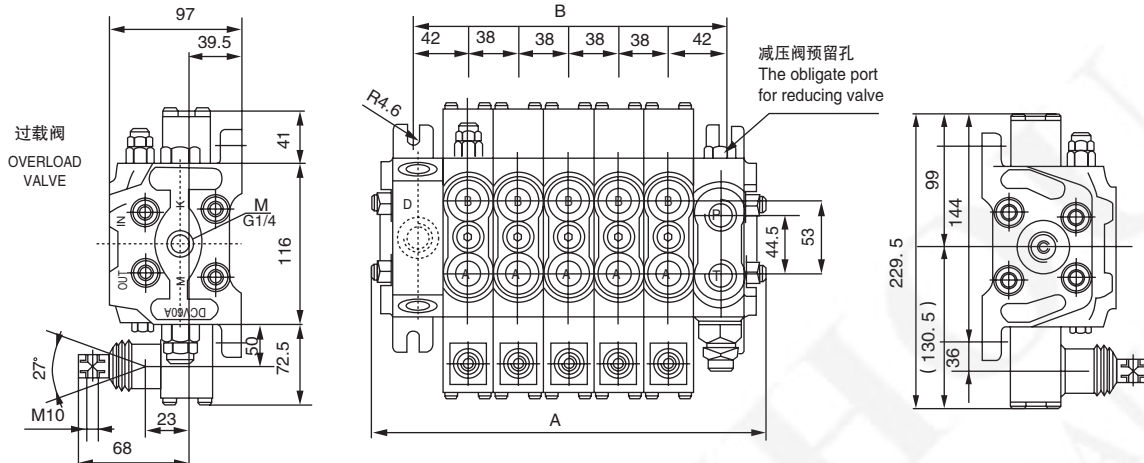


阀型号 TYPE OF VALVE	尺寸 DIMENSIONS		
	A	B	标准重量(公斤) WEIGHT(Kg)
DCV 60/1	121	70	4.7
DCV 60/2	153	102	6.4
DCV 60/3	185	134	8.1
DCV 60/4	217	166	9.8
DCV 60/5	249	198	11.5
DCV 60/6	281	230	13.2
DCV 60/7	313	262	14.9
DCV 60/8	345	294	16.6
DCV 60/9	377	326	18.3
DCV 60/10	409	358	20
DCV 60/11	441	390	21.7
DCV 60/12	473	422	23.4

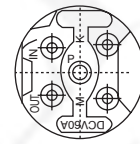
  

额定流量: 50升/分钟 Nominal Flow: 50L/Min	最大流量: 60升/分钟 Max. Flow: 60L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G1/2" Threads(standard): G1/2"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +5~-5 Spool stroke: +5~-5
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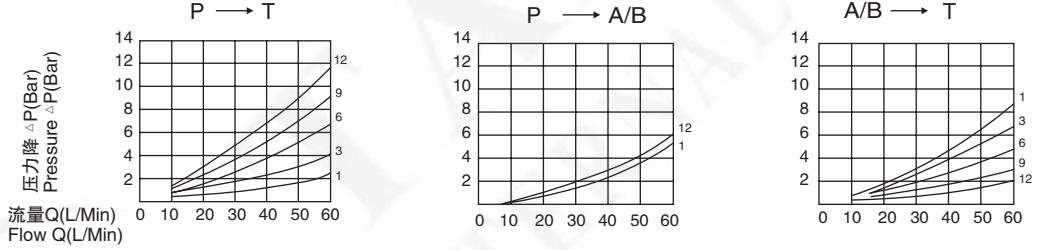
DCV60系列多路阀  
SECTION VALVE DCV60



注：标准供货时D口没有  
Standard valves  
without D port



压力损失曲线  
Pressure Drop Flow Curves



阀型号 TYPE OF VALVE	尺寸 DIMENSIONS		
	A	B	标准重量(公斤) WEIGHT (Kg)
DCV60/1	144	84	7.5
DCV60/2	182	122	10.1
DCV60/3	220	160	12.7
DCV60/4	258	198	15.3
DCV60/5	296	236	17.9
DCV60/6	334	274	20.5
DCV60/7	370	312	23.1
DCV60/8	410	350	25.7
DCV60/9	450	388	28.3
DCV60/10	486	426	30.9
DCV60/11	524	464	33.5
DCV60/12	562	502	36.1

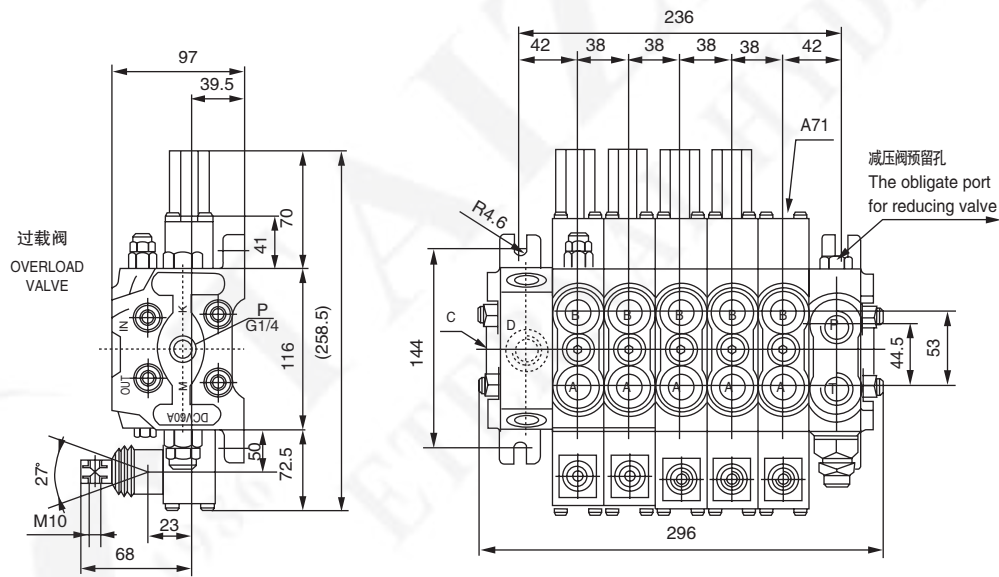
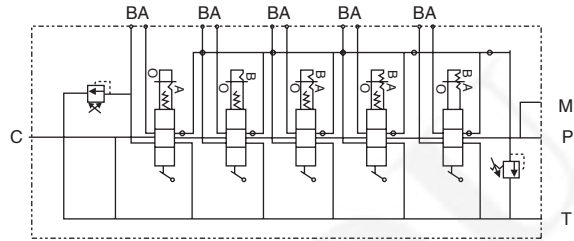
  

额定流量: 50升/分钟 Nominal Flow: 50L/Min	最大流量: 60升/分钟 Max. Flow: 60L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G1/2" Threads (standard): G1/2"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +5--5 Spool stroke: +5--5
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## DCV60系列多路阀（定位控制） SECTION VALVE DCV60(DETENT)

定位结构分为带弹簧复位和不带弹簧复位两种。带弹簧复位结构分别有一个槽A定位、一槽B定位、二槽定位、三槽定位等多种，可以使阀体分别定在A位、B位、AB位、AOB位。不带弹簧复位结构仅提供AOB定位机能。可根据客户要求定制。机能控制代号见A71页。

The detent structures include two forms: spring centred spool & without spring centred spool. Spring centred spool have those several structures: detent in A, detent in B, detent in A and B, detent in A, B and O. Without spring centred spool only have one structure: detent in A, B and O. We can made the products in accordance with particular instructions or requirements of the customers. The code of detent see page A71.



注：标准供货时D口没有  
Standard valves  
without D port

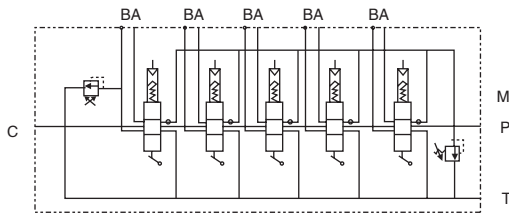
额定流量：50升/分钟 Nominal Flow: 50L/Min	最大流量：60升/分钟 Max. Flow: 60L/Min	最大压力：315Bar Max. Working Pressure: 315Bar	标准螺纹：G1/2" Threads (standard): G1/2"	拉杆拧紧力矩：55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程：+5--5 Spool stroke: +5--5
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## DCV60系列多路阀 SECTION VALVE DCV60

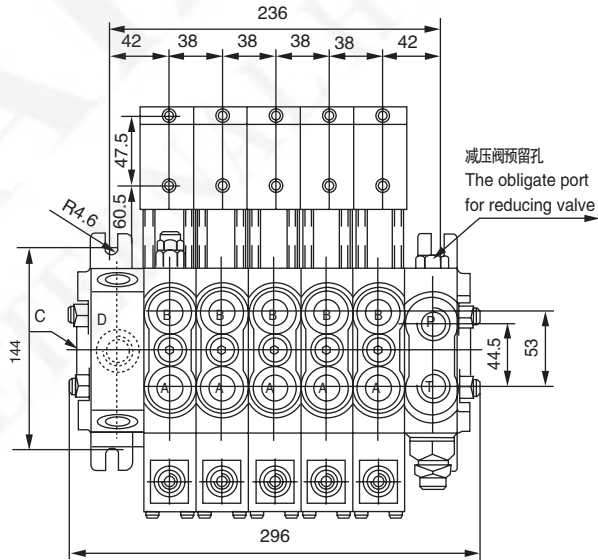
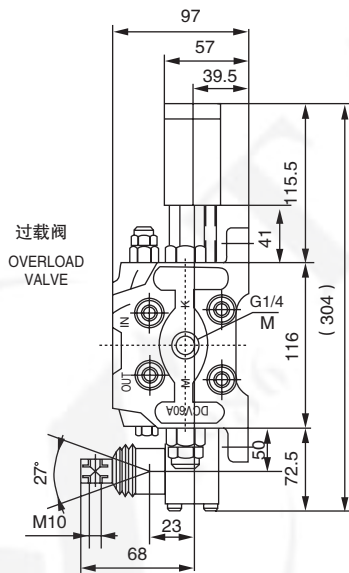
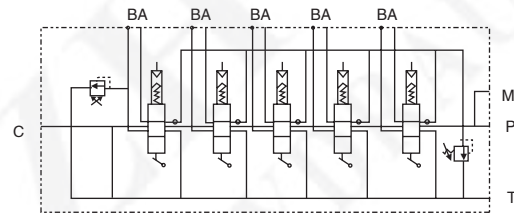
气缸控制多路换向阀，控制压力5~10bar,油缸控制  
多路换向阀，控制压力10~13bar  
ON-OFF pneumatic control, Pilot pressure 5 ~10bar  
ON-OFF hydraulic control, Pilot pressure 10 ~13bar

控制方式 Control Mode	控制口尺寸 Control port Size	控制机能代号 Order Code
气缸控制 Pneumatic control	G1/8	A14
油缸控制 Hydraulic control	G1/4	A24

气缸控制  
Pneumatic control



油缸控制  
Hydraulic control



注：标准供货时D口没有  
Standard valves  
without D port

额定流量：50升/分钟 Nominal Flow: 50L/Min	最大流量：60升/分钟 Max. Flow: 60L/Min	最大压力：315Bar Max. Working Pressure: 315Bar	标准螺纹：G1/2" Threads (standard): G1/2"	拉杆拧紧力矩：55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程：+5--5 Spool stroke: +5--5
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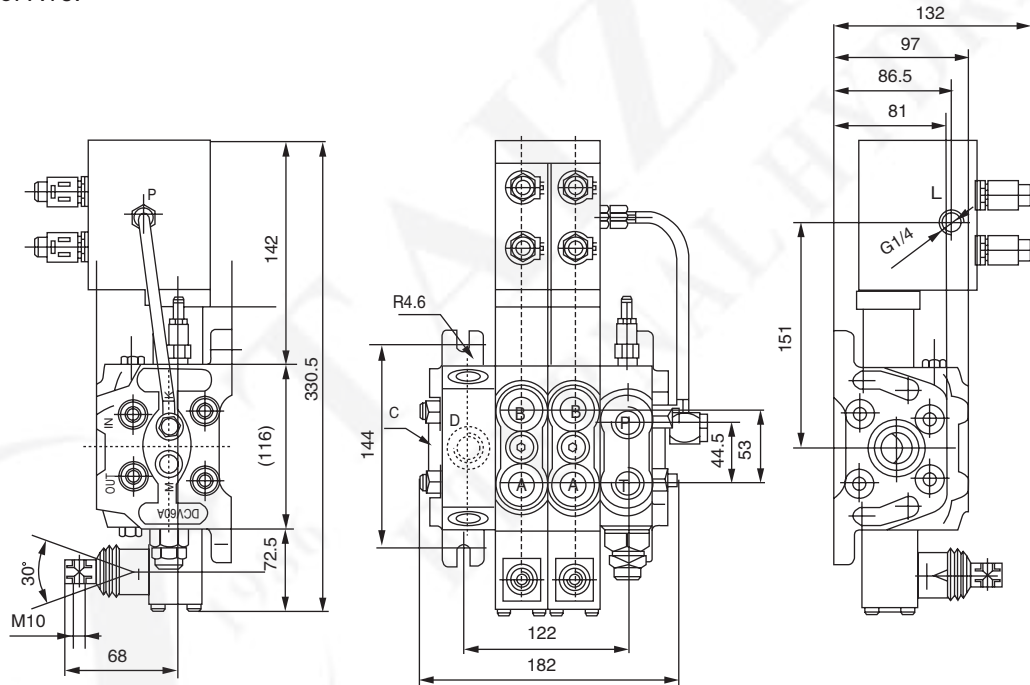
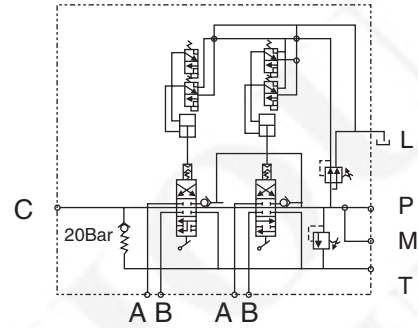
## DCV60系列多路阀 ( 电液控换向阀 ) SECTION VALVE DCV60(ELECTROHYDRAULIC CONTROL)

此电液/手动控制应用有许多变化组合,本样本仅举一例,更多具体应用要求,我们可根据客户要求定制,例如右侧进油,12V或24V等要求。

使用电液控时需提供实际使用工况,使用压力、使用流量等参数。产品出厂前根据用户工况调试好。建议选用产品前咨询我们销售或技术部门。机能控制代号: A15、A16。

The application of electrohydraulic control and handle control have a lot of combination. In the catalogue, we give you only one example of them. We can made the products in accordance with particular instructions or requirements of the customers. For example: right inlet section. 12V or 24V. etc.

You should present the status pressure and flow before the order. For us to debug the valves before the consignment. We suggest that when you choose the valve please refer to our seller or technical adviser. The code is A15 or A16.



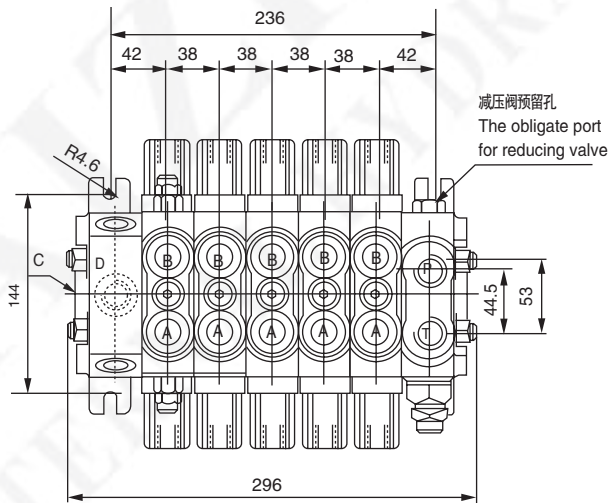
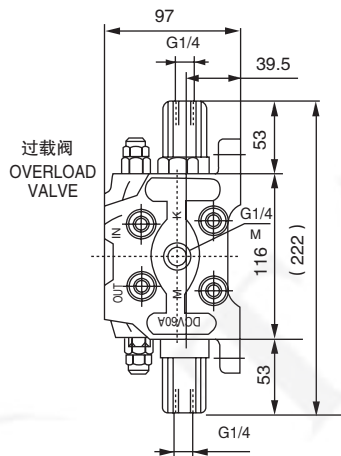
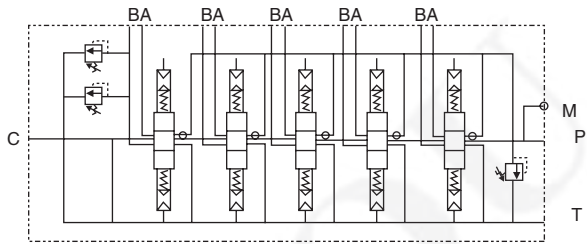
注:1.此型号电液控产品首片形式为E25或E75  
2.标准供货时D口没有。  
1.The form of inlet section is E25 or E75  
2.Standard valves without D port.

额定流量: 50升/分钟 Nominal Flow: 50L/Min	最大流量: 60升/分钟 Max. Flow: 60L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G1/2" Threads (standard): G1/2"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +5~-5 Spool stroke: +5~-5
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## DCV60系列多路阀 (液控) SECTION VALVE DCV60(HYDRAULIC CONTROL)

订货时请告知配套先导阀参数。标准产品设计满足5~30bar的先导控制压力范围。特殊要求请咨询我们技术部门。机能操纵代号:C4

Please tell us the data of the hydraulic remote control when you order it. The normal pilot pressure is 5~30 bar. When you have special requirement please tell our technical adviser. The code is C4.



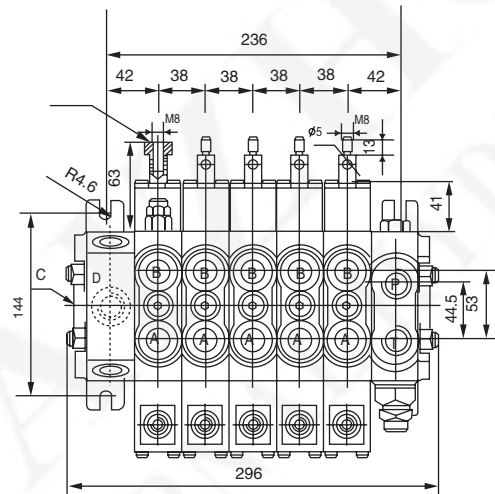
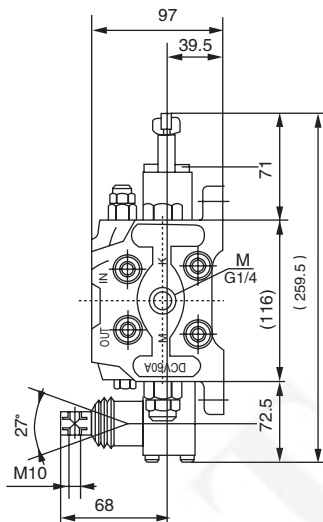
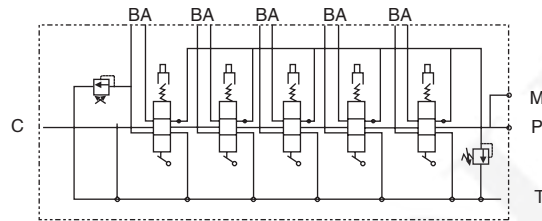
注: 标准供货时D口没有  
Standard valves  
without D port

额定流量: 50升/分钟 Nominal Flow: 50L/Min	最大流量: 60升/分钟 Max. Flow: 60L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G1/2" Threads (standard): G1/2"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +5~-5 Spool stroke: +5~-5
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## DCV60系列多路阀 ( 双控操纵 ) SECTION VALVE DCV60( DOUBLE CONTROL)

预留的,双控操纵(N表示内螺纹连接),机能控制代号A13、A13N。

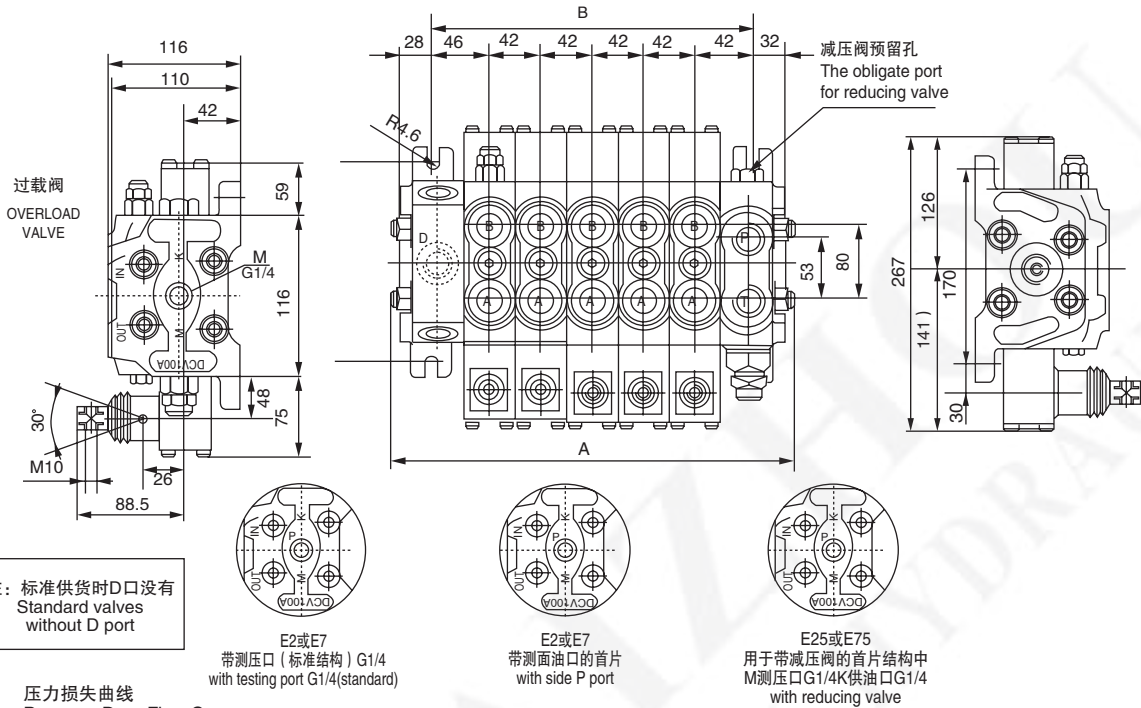
Prearranged for double control(N means the screw thread is inside).The code is A13 or A13N.



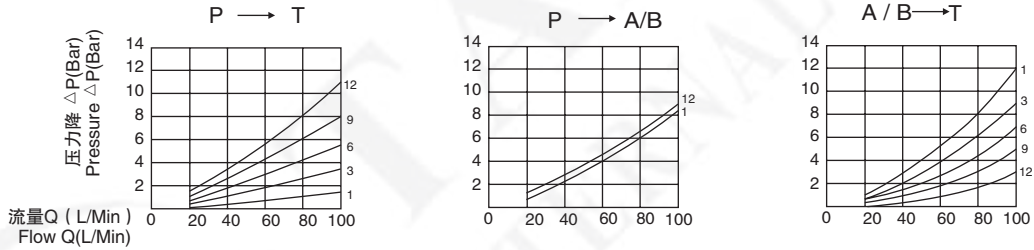
注: 标准供货时D口没有  
Standard valves  
without D port

额定流量: 50升/分钟 Nominal Flow: 50L/Min	最大流量: 60升/分钟 Max. Flow: 60L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G1/2" Threads(standard): G1/2"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: + 5~-5 Spool stroke: + 5~-5
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DCV100系列多路阀  
SECTION VALVE DCV100



压力损失曲线  
Pressure Drop Flow Curves

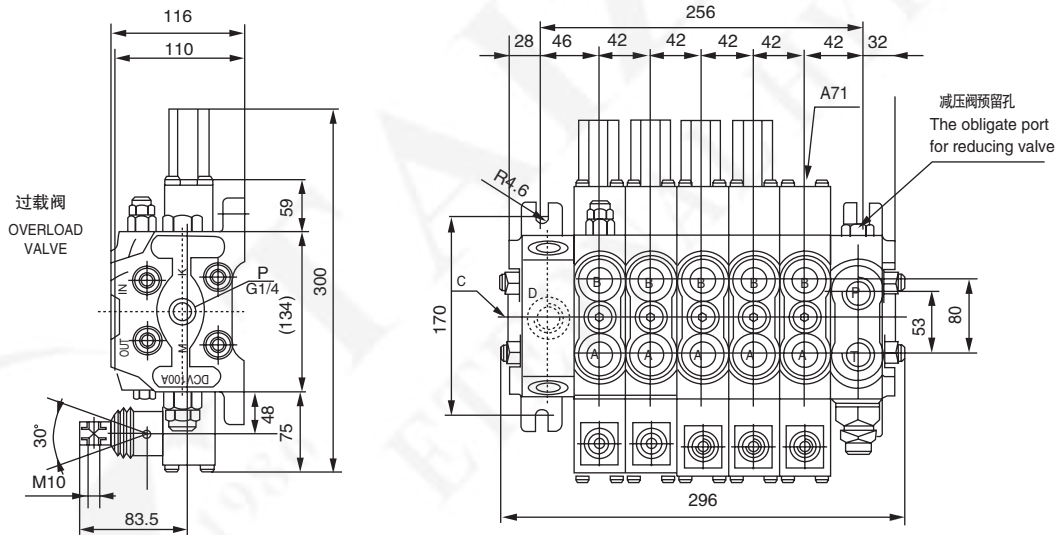
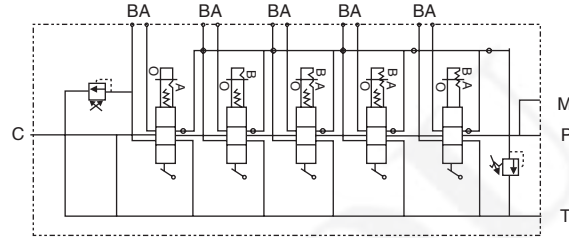


阀型号 TYPE OF VALVE	尺寸 DIMENSIONS			标准重量(公斤) WEIGHT(Kg)	
	A	B			
DCV 100/1	158	88		9.8	
DCV 100/2	200	130		13.7	
DCV 100/3	242	172		17.6	
DCV 100/4	284	214		21.5	
DCV 100/5	326	256		25.4	
DCV 100/6	370	298		29.3	
DCV 100/7	410	340		32.2	
DCV 100/8	450	382		37.1	
DCV 100/9	497	424		41	
DCV 100/10	536	466		44.9	
DCV 100/11	578	508		48.8	
DCV 100/12	620	550		52.7	
额定流量: 80升/分钟 Nominal Flow: 80L/Min	最大流量: 100升/分钟 Max. Flow: 100L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads(standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +7~-7 Spool stroke: +7~-7

## DCV100系列多路阀（定位控制） SECTION VALVE DCV100(DETENT)

定位结构分为带弹簧复位和不带弹簧复位两种。带弹簧复位结构分别有一槽A定位、一槽B定位、二槽定位、三槽定位等多种，可以使阀体分别定在A位、B位、AB位、AOB位。不带弹簧复位结构仅提供AOB定位机能。可根据客户要求定制。机能控制代号见A71页。

The detent structures include two forms: spring centred spool & without spring centred spool. Spring centred spool have those several structures: detent in A, detent in B, detent in A and B, detent in A, B and O. Without spring centred spool only have one structure: detent in A, B and O. We can made the products in accordance with particular instructions or requirements of the customers. The code of detent see page A71.



注：标准供货时D口没有  
Standard valves  
without D port

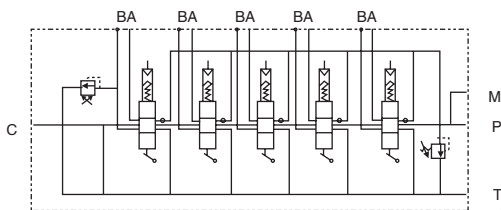
额定流量: 80升/分钟 Nominal Flow: 80L/Min	最大流量: 100升/分钟 Max. Flow: 100L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads (standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +7--7 Spool stroke: +7--7
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## DCV100系列多路阀 ( 气缸控制/油缸控制 ) SECTION VALVE DCV100(PNEUMATIC/HYDRAULIC CONTROL)

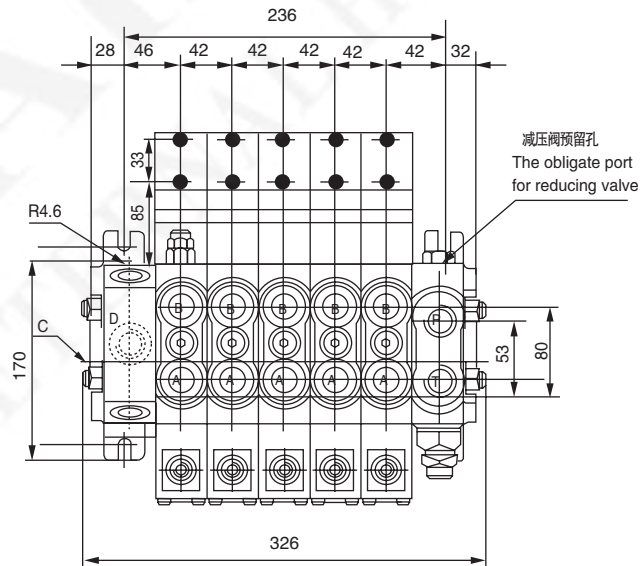
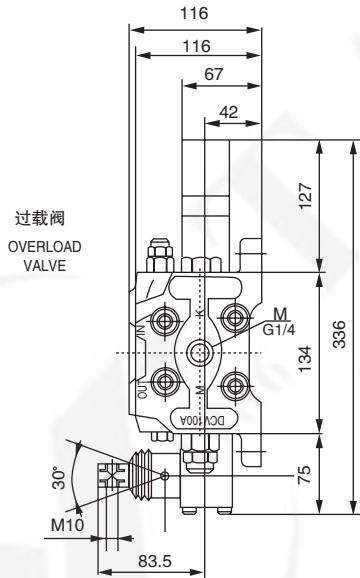
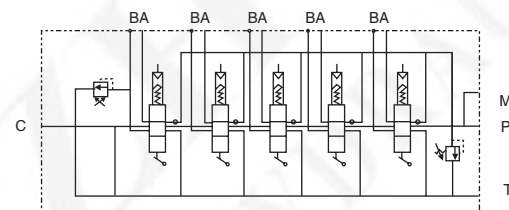
气缸控制多路换向阀, 控制压力5 ~10bar,油缸控制  
多路换向阀, 控制压力10 ~13bar  
ON-OFF pneumatic control, Pilot pressure 5 ~10bar  
ON-OFF hydraulic control, Pilot pressure 10 ~13bar

控制方式 Control Mode	控制口尺寸 Control port Size	控制机能代号 Order Code
气缸控制 Pneumatic control	G1/8	A14
油缸控制 Hydraulic control	G1/4	A24

气缸控制  
Pneumatic Control



油缸控制  
Hydraulic control



注: 标准供货时D口没有  
Standard valves  
without D port

额定流量: 80升/分钟 Nominal Flow: 80L/Min	最大流量: 100升/分钟 Max. Flow: 100L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads(standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +7~-7 Spool stroke: +7~-7
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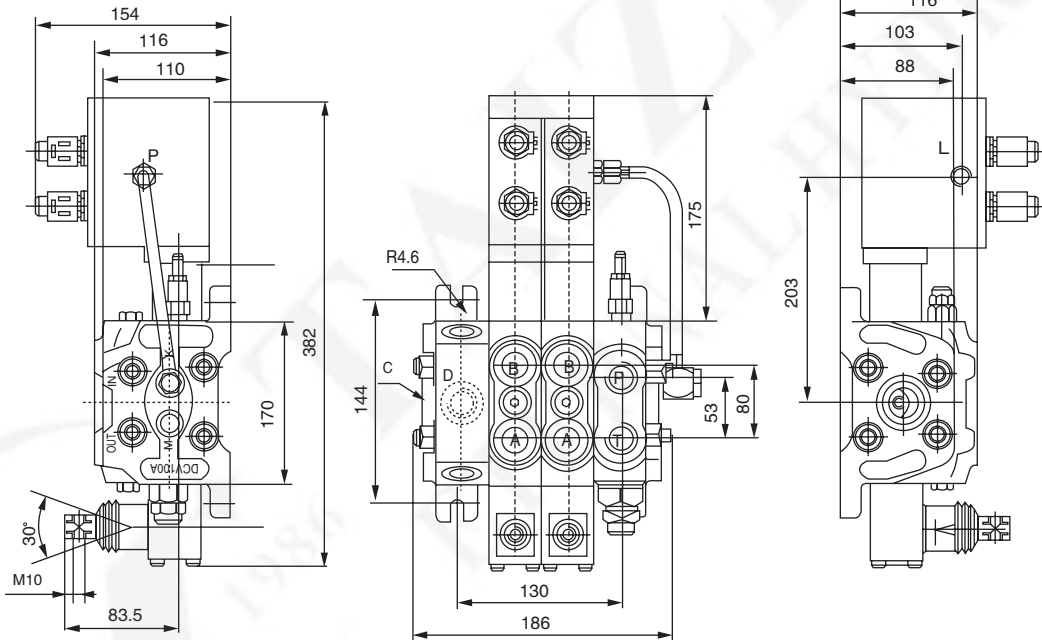
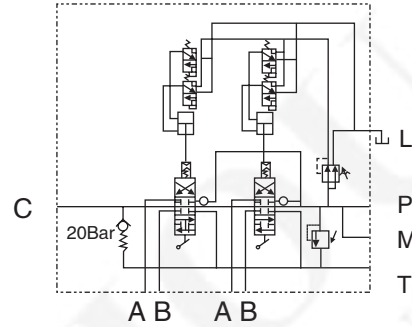
## DCV100系列多路阀 ( 电液控换向阀 ) SECTION VALVE DCV100(ELECTROHYDRAULIC CONTROL)

此电液/手动控制应用有许多变化组合,本样本仅举一例,更多具体应用要求,我们可根据客户要求定制,例如右侧进油,12V或24V等要求。

使用电液控时需提供实际使用工况,使用压力、使用流量等参数。产品出厂前根据用户工况调试好。建议选用产品前咨询我们销售或技术部门。机能控制代号: A15、A16。

The application of electrohydraulic control and handle control have a lot of combination. In the catalogue, we give you only one example of them. We can made the products in accordance with particular instructions or requirements of the customers. For example: right inlet section. 12V or 24V. etc.

You should present the status pressure and flow before the order. For us to debug the valves before the consignment. We suggest that when you choose the valve please refer to our seller or technical adviser. The code is A15 or A16.



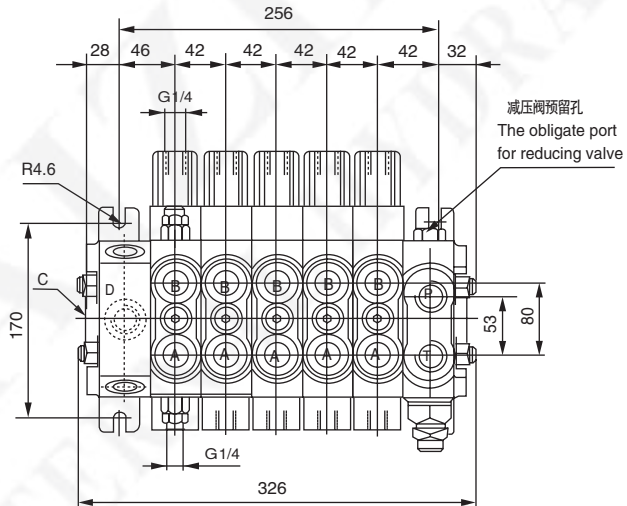
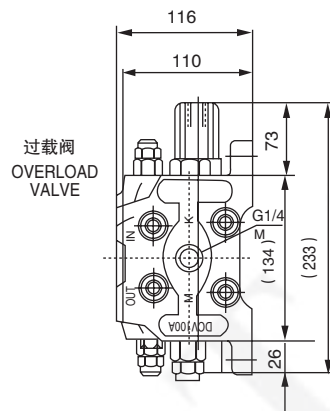
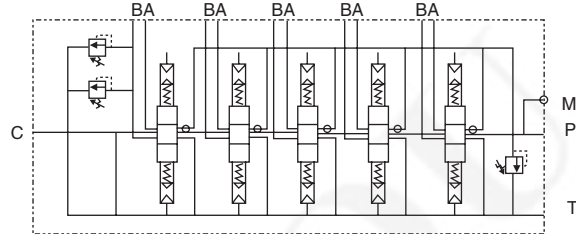
注:1.此型号电液控产品首片形式为E25或E75  
2.标准供货时D口没有。  
1. The form of inlet section is E25 or E75  
2. Standard valves without D port.

额定流量: 80升/分钟 Nominal Flow: 80L/Min	最大流量: 100升/分钟 Max. Flow: 100L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads (standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +7~-7 Spool stroke: +7~-7
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## DCV100系列多路阀 (液控) SECTION VALVE DCV100 (HYDRAULIC CONTROL)

订货时请告知配套先导阀参数。标准产品设计满足5~30bar的先导控制压力范围。特殊要求请咨询我们技术部门。机能操纵代号:C4

Please tell us the data of the hydraulic remote control when you order it. The normal pilot pressure is 5~30 bar. When you have special requirement please tell our technical adviser. The code is C4.

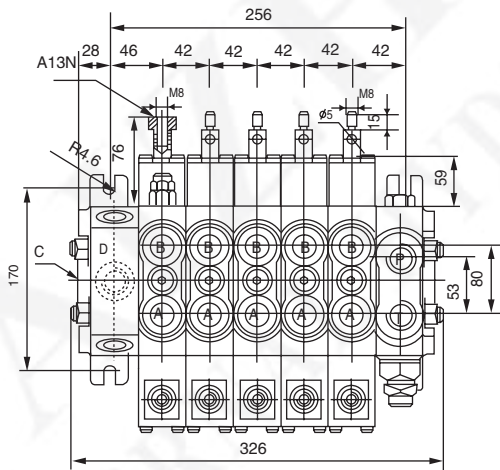
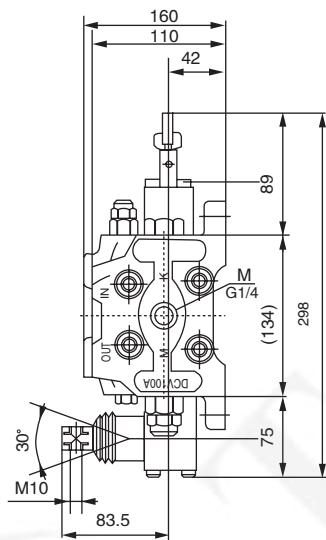
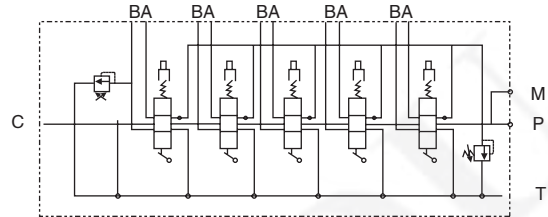


注：标准供货时D口没有  
Standard valves  
without D port

额定流量: 80升/分钟 Nominal Flow: 80L/Min	最大流量: 100升/分钟 Max. Flow: 100L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads (standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +7~-7 Spool stroke: +7~-7
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## DCV100系列多路阀 (双控操纵) SECTION VALVE DCV100 (DOUBLE CONTROL)

预留的,双控操纵(N表示内螺纹连接),机能控制  
代号A13、A13N。  
Prearranged for double control(N means the screw  
thread is inside).The code is A13 or A13N.



注: 标准供货时D口没有  
Standard valves  
without D port

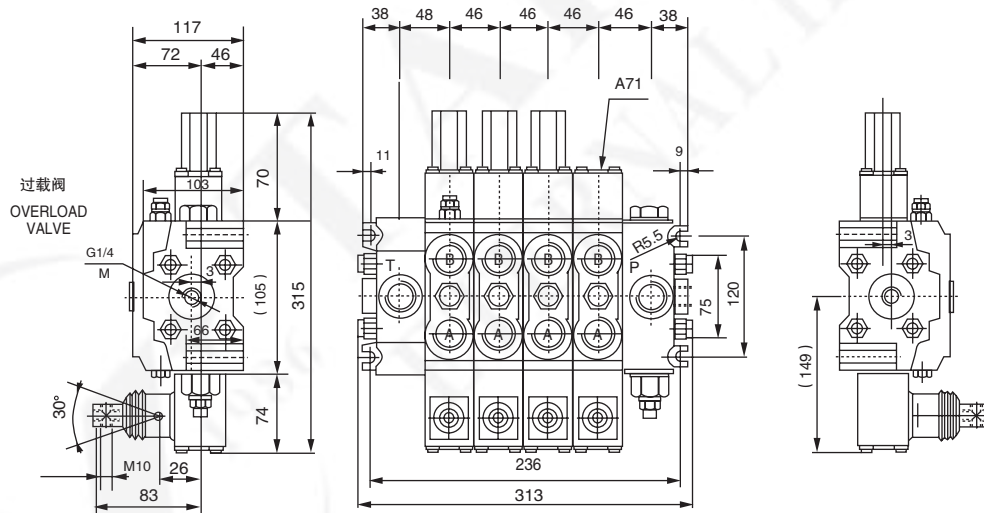
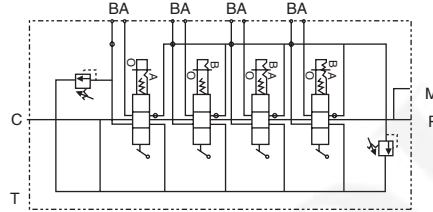
额定流量: 80升/分钟 Nominal Flow: 80L/Min	最大流量: 100升/分钟 Max. Flow: 100L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads (standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +7~-7 Spool stroke: +7~-7
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## DCV140系列多路阀（定位控制） SECTION VALVE DCV140(DETENT)

定位结构分为带弹簧复位和不带弹簧复位两种。带弹簧复位结构分别有一个槽A定位、一槽B定位、二槽定位、三槽定位等多种，可以使阀体分别定在A位、B位、AB位、AOB位。不带弹簧复位结构仅提供AOB定位机能。可根据客户要求定制。机能控制代号见A71页。

The detent structures include two forms: spring centred spool & without spring centred spool. Spring centred spool have those several structures: detent in A, detent in B, detent in A and B, detent in A, B and O. Without spring centred spool only have one structure: detent in A, B and O. We can made the products in accordance with particular instructions or requirements of the customers. The code of detent see page A71.



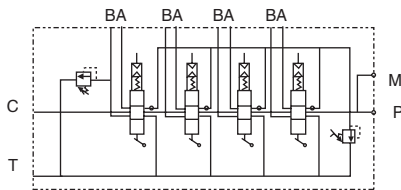
额定流量: 100升/分钟 Nominal Flow: 100L/Min	最大流量: 140升/分钟 Max. Flow: 140L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads (standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +7~-7 Spool stroke: +7~-7
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DCV140系列多路阀 ( 气缸控制/油缸控制 )  
SECTION VALVE DCV140(PNEUMATIC/HYDRAULIC CONTROL)

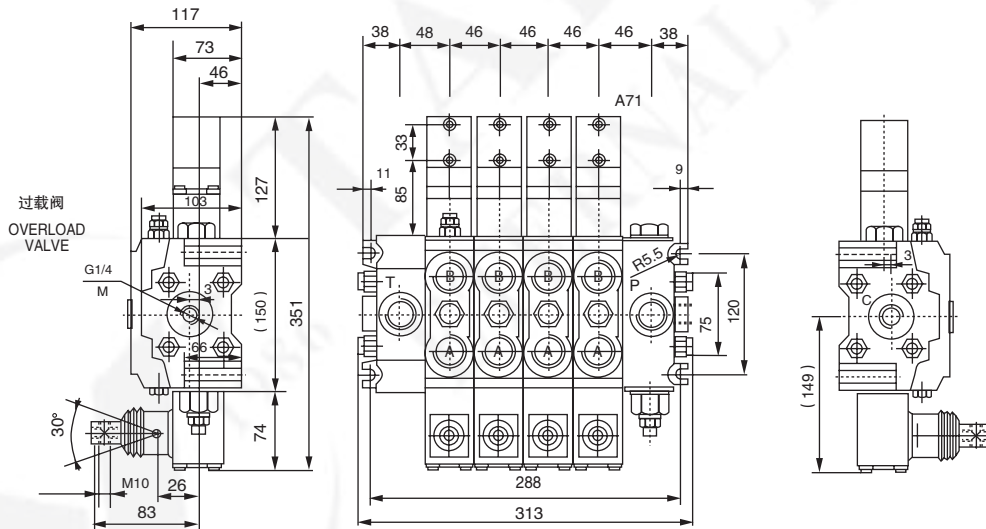
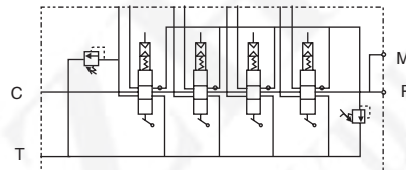
气缸控制多路换向阀, 控制压力5 ~10bar,油缸控制多路换向阀, 控制压力10 ~13bar  
ON-OFF pneumatic control, Pilot pressure 5 ~10bar  
ON-OFF hydraulic control, Pilot pressure 10 ~13bar

控制方式 Control Mode	控制口尺寸 Control port Size	控制机能代号 Order Code
气缸控制 Pneumatic control	G1/8	A14
油缸控制 Hydraulic control	G1/4	A24

气缸控制  
Pneumatic control



油缸控制  
Hydraulic control

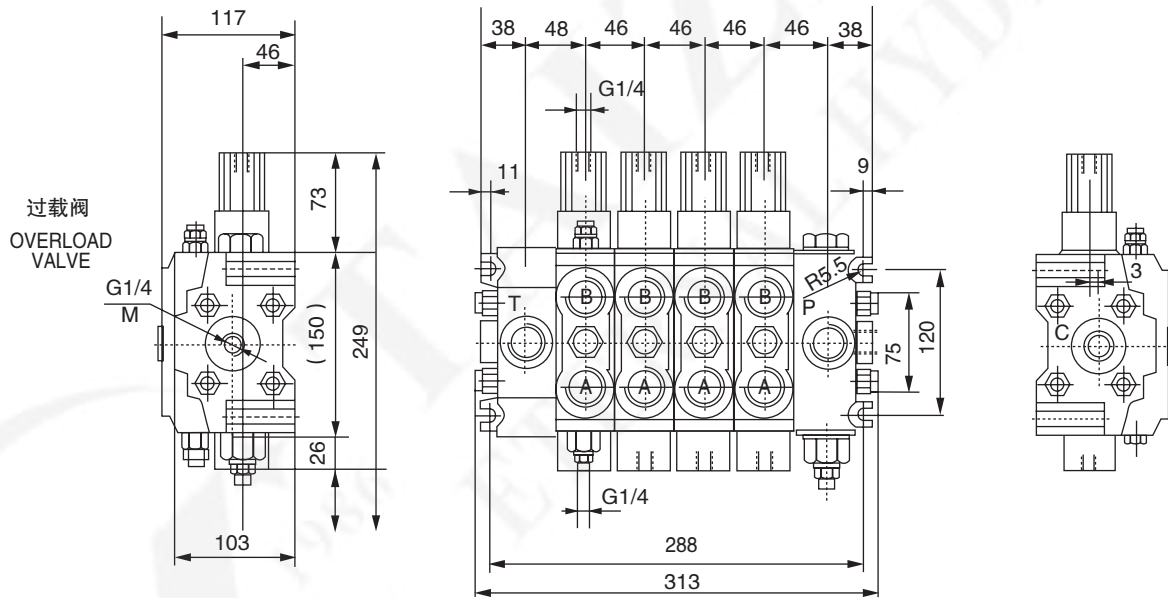
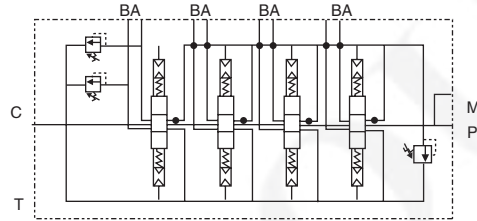


额定流量: 100升/分钟 Nominal Flow: 100L/Min	最大流量: 140升/分钟 Max. Flow: 140L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads(standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: + 7--7 Spool stroke: + 7--7
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## DCV140系列多路阀 (液控) SECTION VALVE DCV140 (HYDRAULIC CONTROL)

订货时请告知配套先导阀参数。标准产品设计满足5~30bar的先导控制压力范围。特殊要求请咨询我们技术部门。机能操纵代号:C4

Please tell us the data of the hydraulic remote control when you order it. The normal pilot pressure is 5~30 bar. When you have special requirement please tell our technical adviser. The code is C4.



额定流量: 100升/分钟 Nominal Flow: 100L/Min	最大流量: 140升/分钟 Max. Flow: 140L/Min	最大压力: 315Bar Max. Working Pressure: 315Bar	标准螺纹: G3/4" Threads (standard): G3/4"	拉杆拧紧力矩: 55 ± 3N.m Tie-rod tightening torque: 55 ± 3N.m	阀芯行程: +7~-7 Spool stroke: +7~-7
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# More Series of Hydraulic Directional Control Valve:

[www.xjetl.com/download/directional-valve-download](http://www.xjetl.com/download/directional-valve-download)

## S Sectional Valve

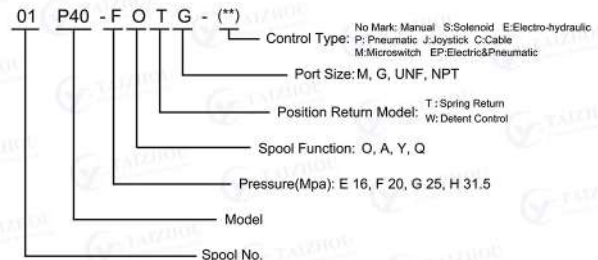
Item	Pressure (Mpa)	Flow (L/min)	Spool No.	Spool Function	Position Return Model	Port Size	Control Type
P40 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	40	1-7	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Cable Solenoid Manual Microswitch
P40 Microswitch Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	40	1-7	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
P80 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	80	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
P120 (SD18) Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	120	1-4	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
Z50 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	50	1-7	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Solenoid
Z80 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	50	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZT(ZD)-L12 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	50	1-8	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Cable Manual Microswitch
ZT(ZD)-L15 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	60	1-3	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZDa-L15 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	60	1-10	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZT(ZD)-L20 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	100	1-4	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Pneumatic Manual
ZT(ZD)-L102 (ZT-L10) Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	40	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual

Item	Pressure (Mpa)	Flow (L/min)	Spool No.	Spool Function	Position Return Model	Port Size	Control Type
SD4 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	40	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
SD5 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	45	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Solenoid Manual
SD11 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	70	1-4	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
SD14 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	110	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
SD8 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	70	1-10	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Solenoid Manual
SD180 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	160	1-10	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Pilot Control Pneumatic Manual
SD25 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	240	1-12	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
DCV40 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	40	1-8	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Cable Manual Microswitch
DCV80 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	100	1-4	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Pneumatic Manual
DCV60 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	50	1-12	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Manual
DCV100 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	90	1-14	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	

Item	Pressure (Mpa)	Flow (L/min)	Spool No.	Spool Function	Position Return Model	Port Size	Control Type
DCV140 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	130	1-14	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Manual
DCV200 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	180	1-14	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
ZS-L10 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	40	1-18	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
ZS-L20 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	100	1-15	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZS-L25 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	160	1-12	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
MB2 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	40	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
MB3 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	45	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Manual Pneumatic Hydraulic
MB5 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	70	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
RD5100/ RD5200/ RD5300 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	120	1-3	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
SVV90 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	90	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Solenoid
LVA Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	95	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual

Item	Pressure (Mpa)	Flow (L/min)	Spool No.	Spool Function	Position Return Model	Port Size	Control Type
JYPM100 Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	115	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
LKF Series	E16Mpa F20Mpa G25Mpa H31.5Mpa	30/ 60/ 114		O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	

### Mode Code



### Spool Function Symbols



O Spool Function



Y Spool Function



A Spool Function



Q Spool Function

### Port Size

Flow	M	G	UNF	NPT
≤60L	M18x1.5	G 3/8"	3/4-16 UNF	NPT 3/8"
60-80L	M22x1.5	G 1/2"	7/8-14 UNF	NPT 1/2"
100-140L	M27x2	G 3/4"	1-11/16-12 UNF	NPT 3/4"
140-160L	M33x2	G 1"	1-13/16-12 UNF	NPT 1"
160-240L	M42x2	G 1-1/2"	1-3/8-12 UNF	NPT 1-1/2"

If you need special dimension port size, please consult to our Engineer.