

一、P 系列多路阀 P Series Directional Control Valve

二、ZD(ZT)系列多路阀 ZD(ZT) Series Directional Control Valve

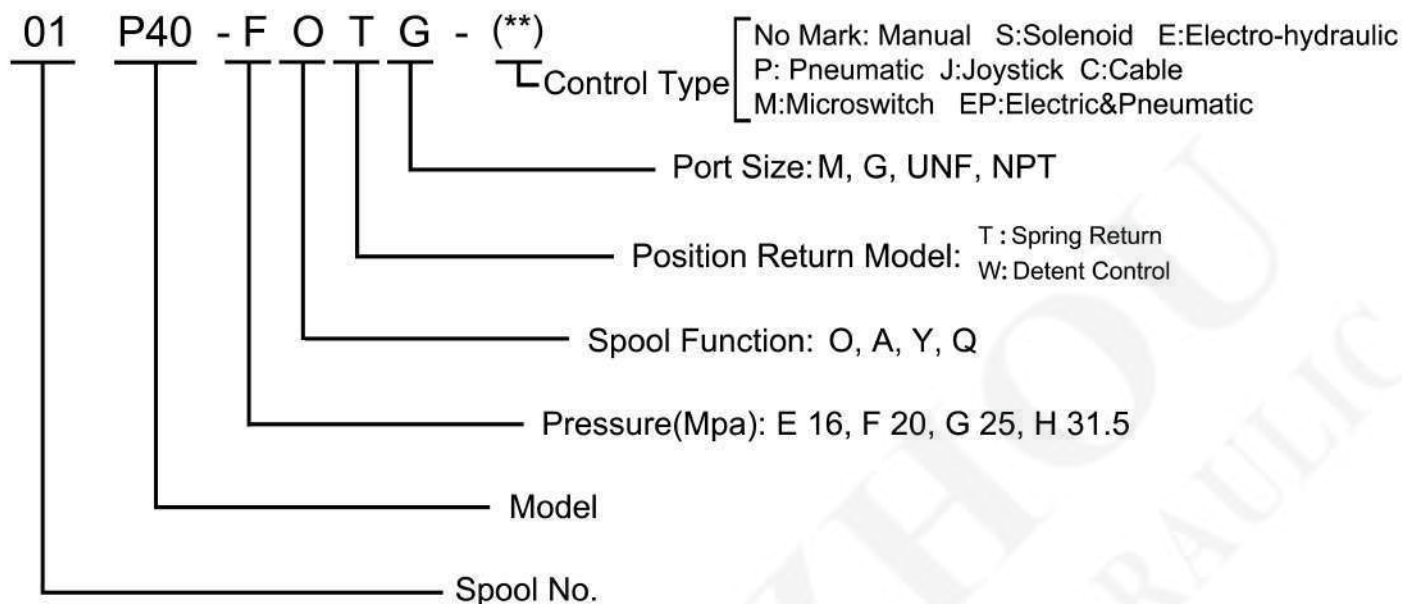
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四、DCV 系列多路阀 DCV Series Directional Control Valve

五、其他多路阀 Other Directional Control Valves

■ 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.

SD4 系列整体阀

SD4 Series Monoblock Directional Control Valve

用途与特征/APPLICATIONS&FEATURES

SD4系列整体阀引进了欧洲先进技术，具有结构紧凑、流量45l/min、重量轻、耐高压。该阀采用并联油路，设计有压力出口与其他液压元件相连接提供动力源。该阀广泛应用于工程机械、环卫机械、油田设备、矿山机械和其他机械的液压系统。

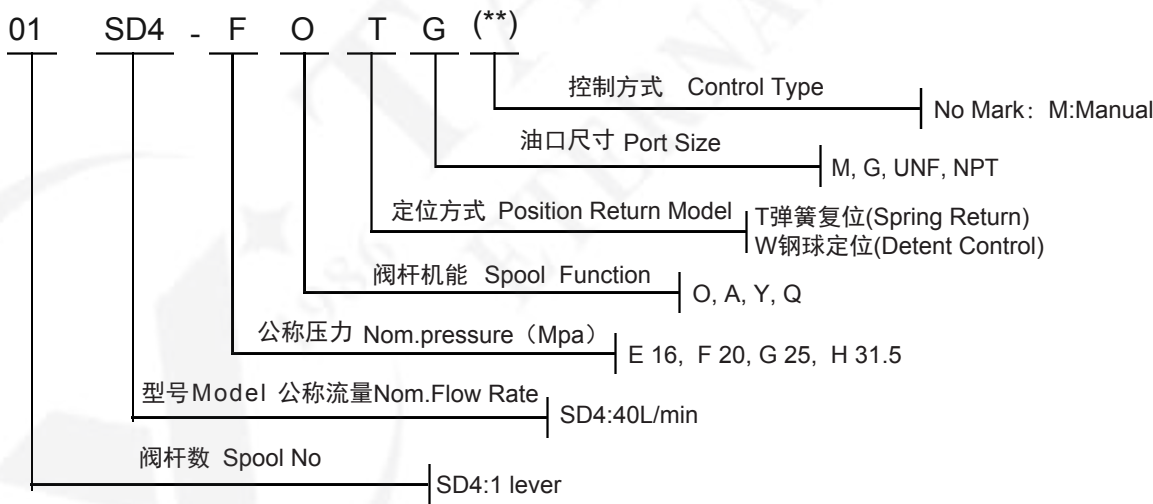


产品特点/FEATURES

Simple, compact designed, this valve is only one section for open center and closed center hydraulic systems.

- ◆ Fitted with a main pressure relief valve.
- ◆ Diameter 16 mm - 0.63 in interchangeable spools.
- ◆ Available manual and remote with flexible cables spool control kits.

型号说明/MODEL CODE



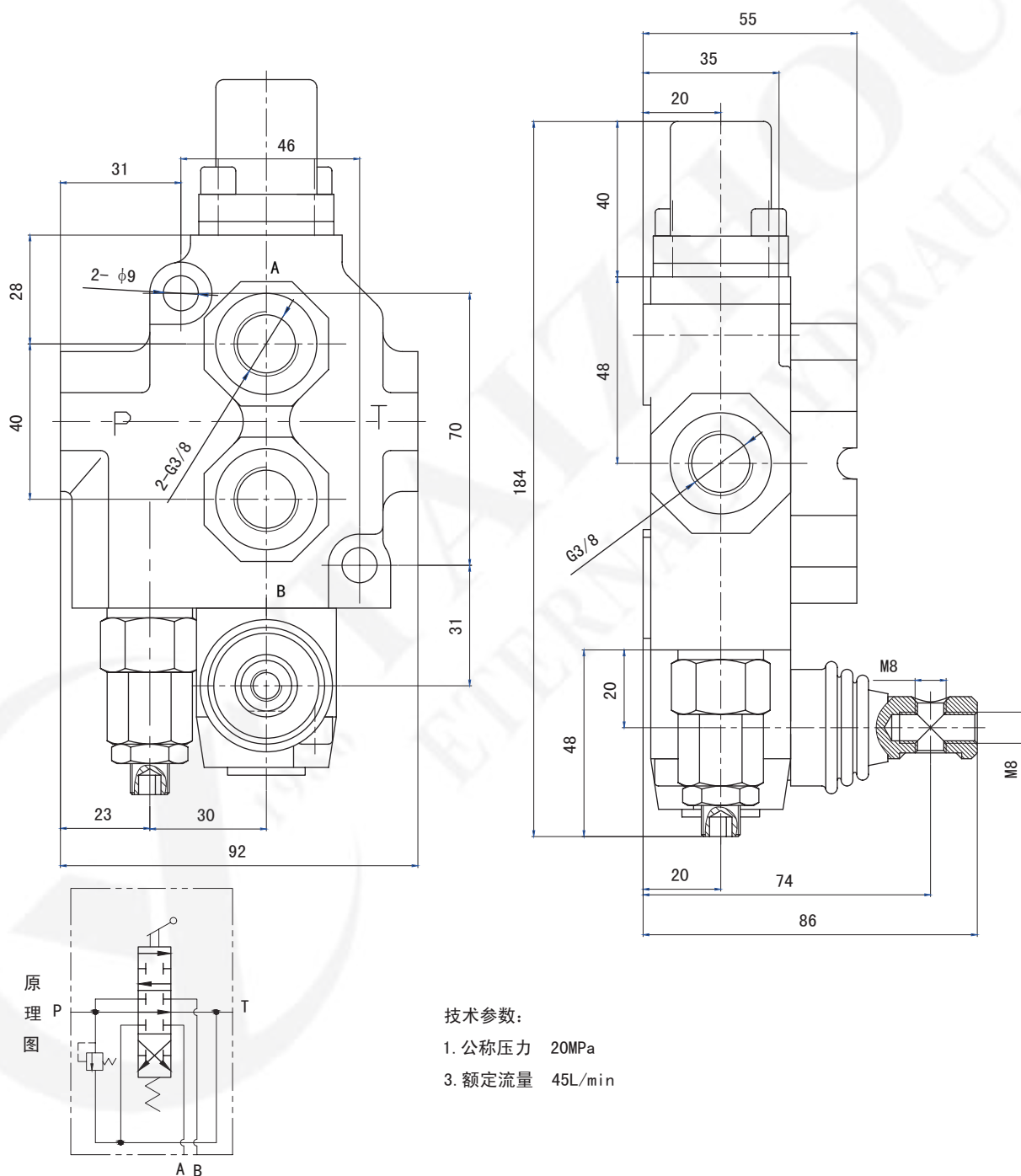
技术参数/PARAMETERS

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
16	31.5	45	45	≤1	-20 ~ +80	10 ~ 400	≤10

SD4 系列整体阀

SD4 Series Monoblock Directional Control Valve

SD4外形安装连接尺寸/MODEL SD4 DIMENSIONAL DATA



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.

SD5 Series Monoblock Directional Control Valve

SD5系列整体阀引进了欧洲先进技术,具有结构紧凑、流量45l/min、重量轻、耐高压。该阀采用并联油路,设计有压力输出口与其他液压元件相连接提供动力源。该阀广泛应用于工程机械、环卫机械、油田设备、矿山机械和其他机械的液压系统。



Simple, compact and heavy duty designed monoblock valves from 1 to 6 sections for open and closed center hydraulic systems.

- ◆ Fitted with a main pressure relief valve and a load check valve.
- ◆ Available with parallel, series or tandem circuit.
- ◆ Optional power beyond port (only for parallel or tandem circuit).
- ◆ Diameter 16 mm - 0.63 in interchangeable spools.
- ◆ A wide variety of service port valve options.
 - ◆ Actuation is manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic, with solenoid and remote with flexible cables spool control kits.

01	SD5	-	F	O	T	G	(**)
				控制方式 Control Type		No Mark: M:Manual S:Solenoid P:Pneumatic ; E: Electro-hydraulic	
				油口尺寸 Port Size		M, G, UNF, NPT	
				定位方式 Position Return Model		T弹簧复位(Spring Return) W钢球定位(Detent Control)	
				阀杆机能 Spool Function		O, A, Y, Q	
				公称压力 Nom.pressure (Mpa)		E 16, F 20, G 25, H 31.5	
型号 Model				公称流量 Nom.Flow Rate		SD5:45L/min	
阀杆数 Spool No				SD5:1~6 levers			

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	45	45	≤1	-20 ~ +80	10 ~ 400	≤10

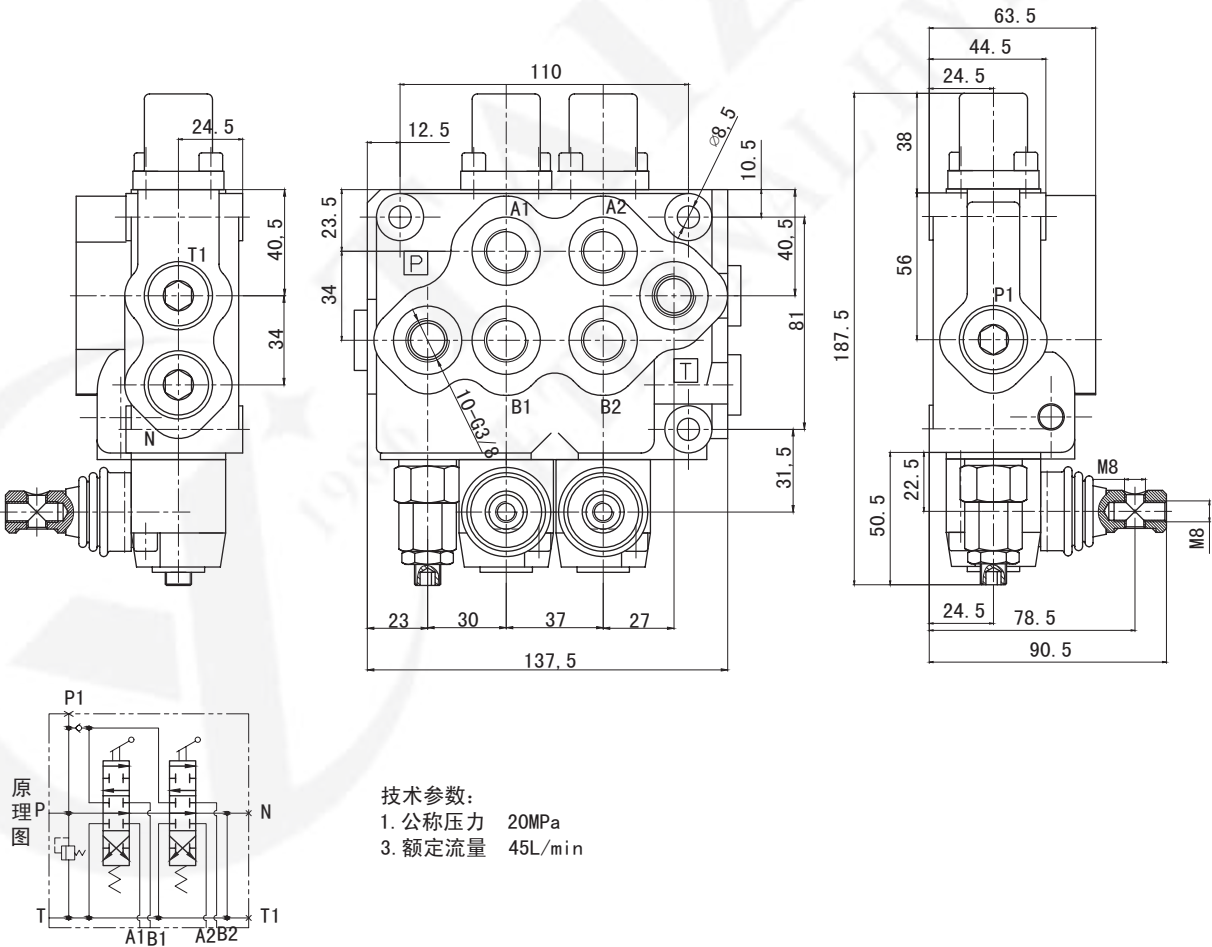
SD5 系列整体阀

SD5 Series Monoblock Directional Control Valve

油口尺寸/PORT SIZE

油口 MAIN PORTS	英制 BSP	美制 UN-UNF	公制 METRIC
进油口 Inlet P	G3/8	3/4-16 (SAE 8)	M18 × 1,5
工作油口 Ports A and B	G3/8	9/16-18 (SAE 6)	M18 × 1,5
出油口 Outlet T	G3/8	3/4-16 (SAE 8)	M18 × 1,5, M22 × 1.5
高压输出口 carry-over C	M20 × 1.5	M20 × 1.5	M20 × 1.5

SD5外形安装连接尺寸/MODEL SD5 DIMENSIONAL DATA



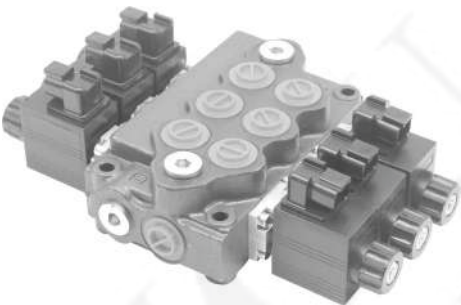
注：订货有特殊要求者，请与销售顾问联系。
Note: Special features not listed can often be made to your specifications. Please consult your sales representative.

SD5 系列电磁控整体阀

SD5 Solenoid Control Valve

用途与特征/APPLICATIONS&FEATURES

SD5系列整体阀引进了欧洲先进技术，具有结构紧凑、流量45l/min、重量轻、耐高压。该阀采用并联油路，设计有压力出口与其他液压元件相连接提供动力源。该阀广泛应用于工程机械、环卫机械、油田设备、矿山机械和其他机械的液压系统。

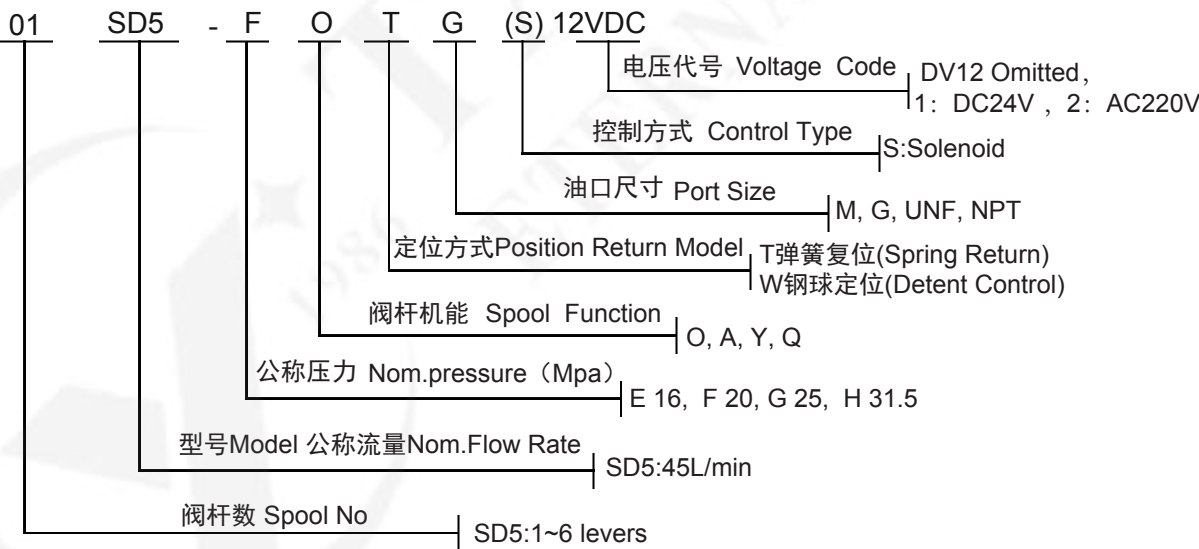


产品特点/FEATURES

Simple, compact and heavy duty designed monoblock valves from 1 to 6 sections for open and closed center hydraulic systems.

- ◆ Fitted with a main pressure relief valve and a load check valve.
- ◆ Available with parallel, series or tandem circuit.
- ◆ Optional power beyond port (only for parallel or tandem circuit).
- ◆ Diameter 16 mm - 0.63 in interchangeable spools.
- ◆ A wide variety of service port valve options.
- ◆ Actuation is manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic, with solenoid and remote with flexible cables spool control kits.

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	45	45	≤1	-20 ~ +80	10 ~ 400	≤10

SD5 系列电磁控整体阀

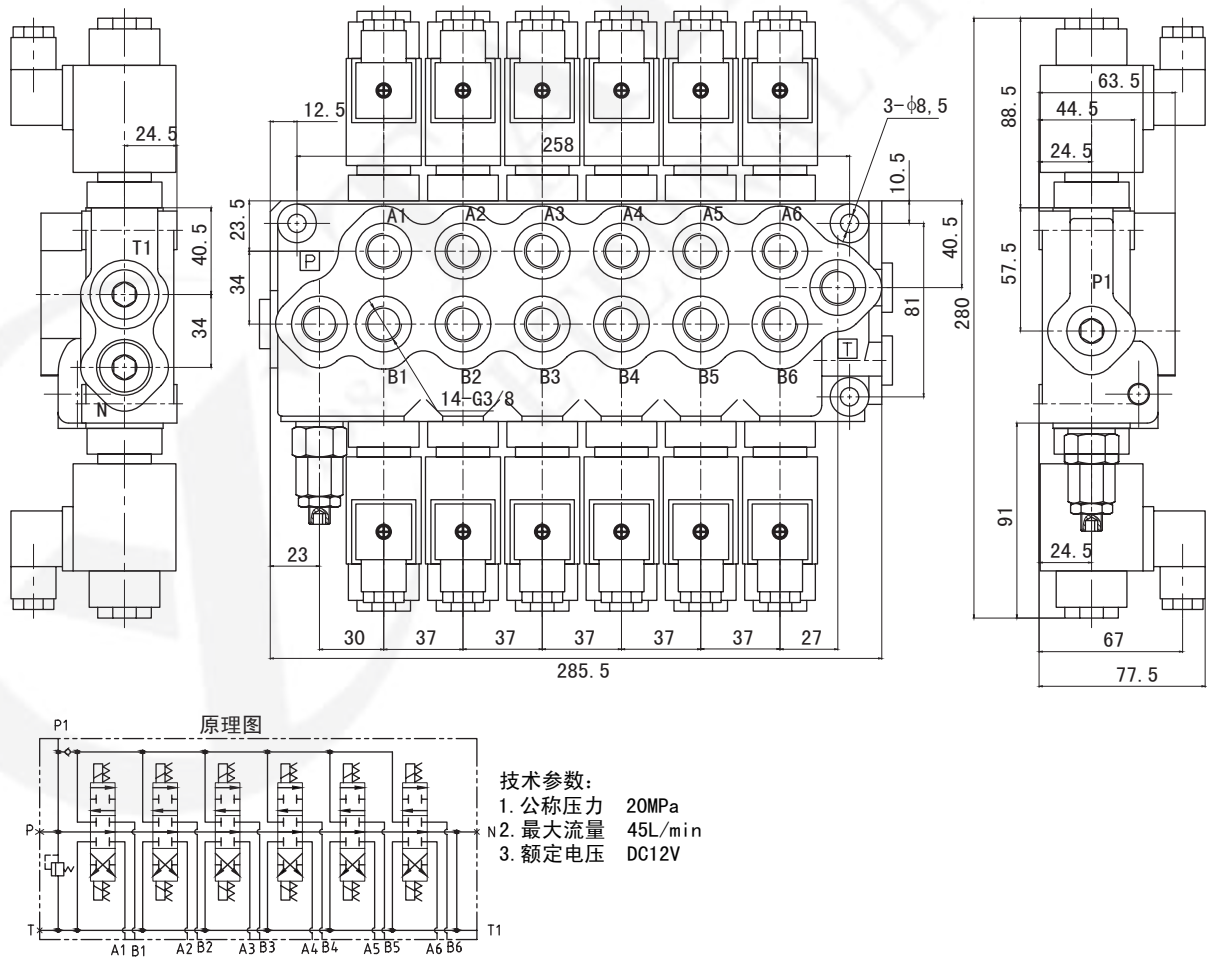
SD5 Solenoid Control Valve

油口尺寸/PORT SIZE

油口 MAIN PORTS	英制 BSP	美制 UN-UNF	公制 METRIC
进油口 Inlet P	G3/8	3/4-16 (SAE 8)	M18 × 1,5
工作油口 Ports A and B	G3/8	9/16-18 (SAE 6)	M18 × 1,5
出油口 Outlet T	G3/8	3/4-16 (SAE 8)	M18 × 1,5, M22 × 1.5
高压输出口 carry-over C	M20 × 1.5	M20 × 1.5	M20 × 1.5

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.

SD5外形安装连接尺寸/MODEL SD5 DIMENSIONAL DATA



SD11 系列整体阀

SD11 Series Monoblock Directional Control Valve

用途与特征/APPLICATIONS&FEATURES

SD11系列整体阀引进了欧洲先进技术，具有结构紧凑、流量70L/min、重量轻、耐高压。该阀采用并联油路，设计有压力输出口与其他液压元件相连接提供动力源。该阀广泛应用于工程机械、环卫机械、油田设备、矿山机械和其他机械的液压系统。

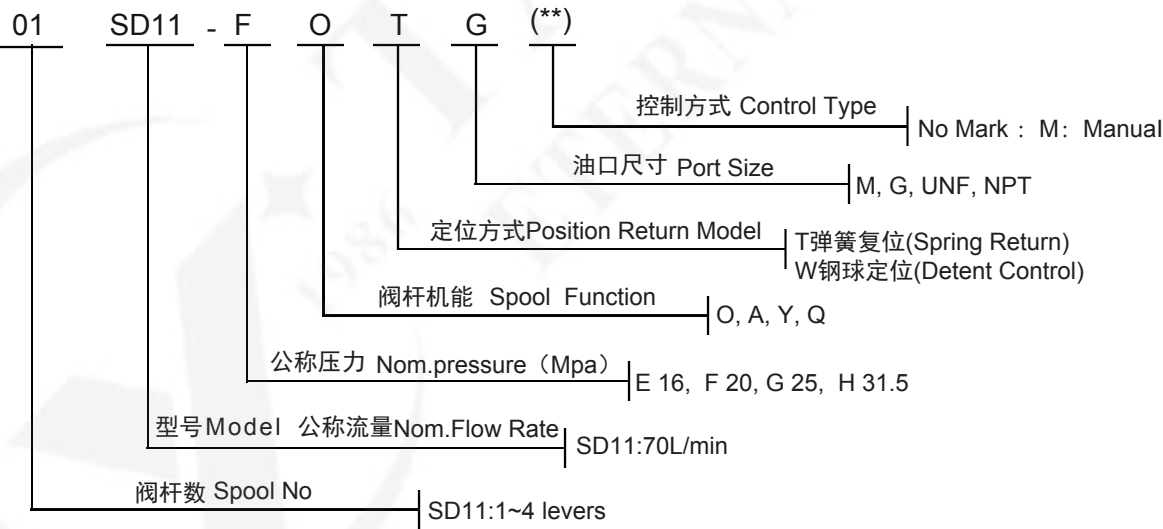


产品特点/FEATURES

Simple, compact and heavy duty designed monoblock valves from 1 to 6 sections for open and closed center hydraulic systems.

- ◆ Fitted with a main pressure relief valve and a load check valve.
- ◆ Available with parallel or series circuit.
- ◆ Optional power beyond port (only for parallel circuit).
- ◆ Diameter 20 mm - 0.79 in interchangeable spools.
- ◆ A wide variety of service ports and circuit valves.
- ◆ Available manual, pneumatic, hydraulic, electro-hydraulic and remote with flexible cables spool control kits.

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	70	70	≤1	-20 ~ +80	10 ~ 400	≤10

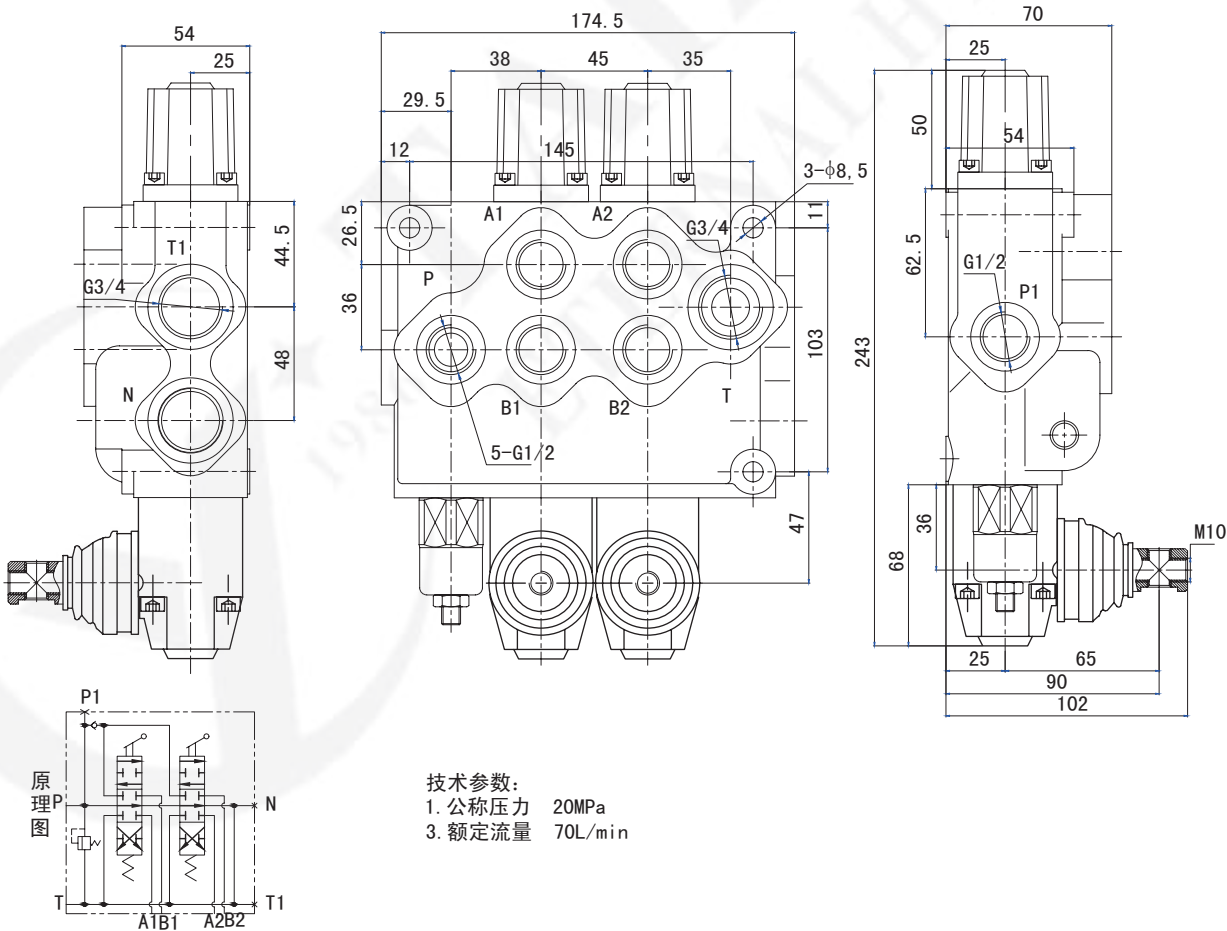
SD11 系列整体阀

SD11 Series Monoblock Directional Control Valve

油口尺寸/PORT SIZE

油口 MAIN PORTS	英制 BSP	美制 UN-UNF	公制 METRIC
进油口 Inlet P	G1/2	7/8-14 (SAE 10)	M22 × 1.5
工作油口 Ports A and B	G1/2	3/4-16 (SAE 8)	M22 × 1.5
出油口 Outlet T	G3/4	7/8-14 (SAE 10)	M27 × 2
高压输出口 carry-over C	M27 × 2	M27 × 2	M27 × 2

SD11外形安装连接尺寸/MODEL SD11 DIMENSIONAL DATA



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.

SD14 系列整体阀

SD14 Series Monoblock Directional Control Valve

产品描述/SPECIFICATION

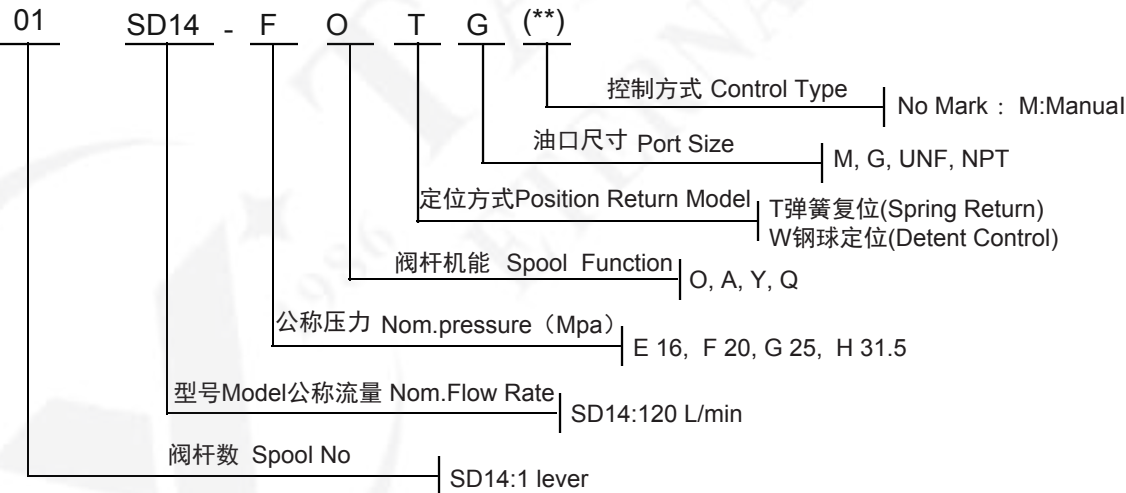
SD14系列整体阀引进了欧洲先进技术，具有结构紧凑、流量高达120l/min、重量轻。该阀采用并联油路，设计有压力出口与其他液压元件相连接提供动力源。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



产品特点/FEATURES

- ◆ Simple, compact designed, this valves is only one section for open centre and closed centre hydraulic systems.
- ◆ Fitted with a main pressure relief valve.
- ◆ Diameter 20 mm -- 0.79 in interchangeable spools.
- ◆ Available manual, pneumatic, electro--hydraulic and remote with flexible cable spool control kits.

型号说明/MODEL CODE



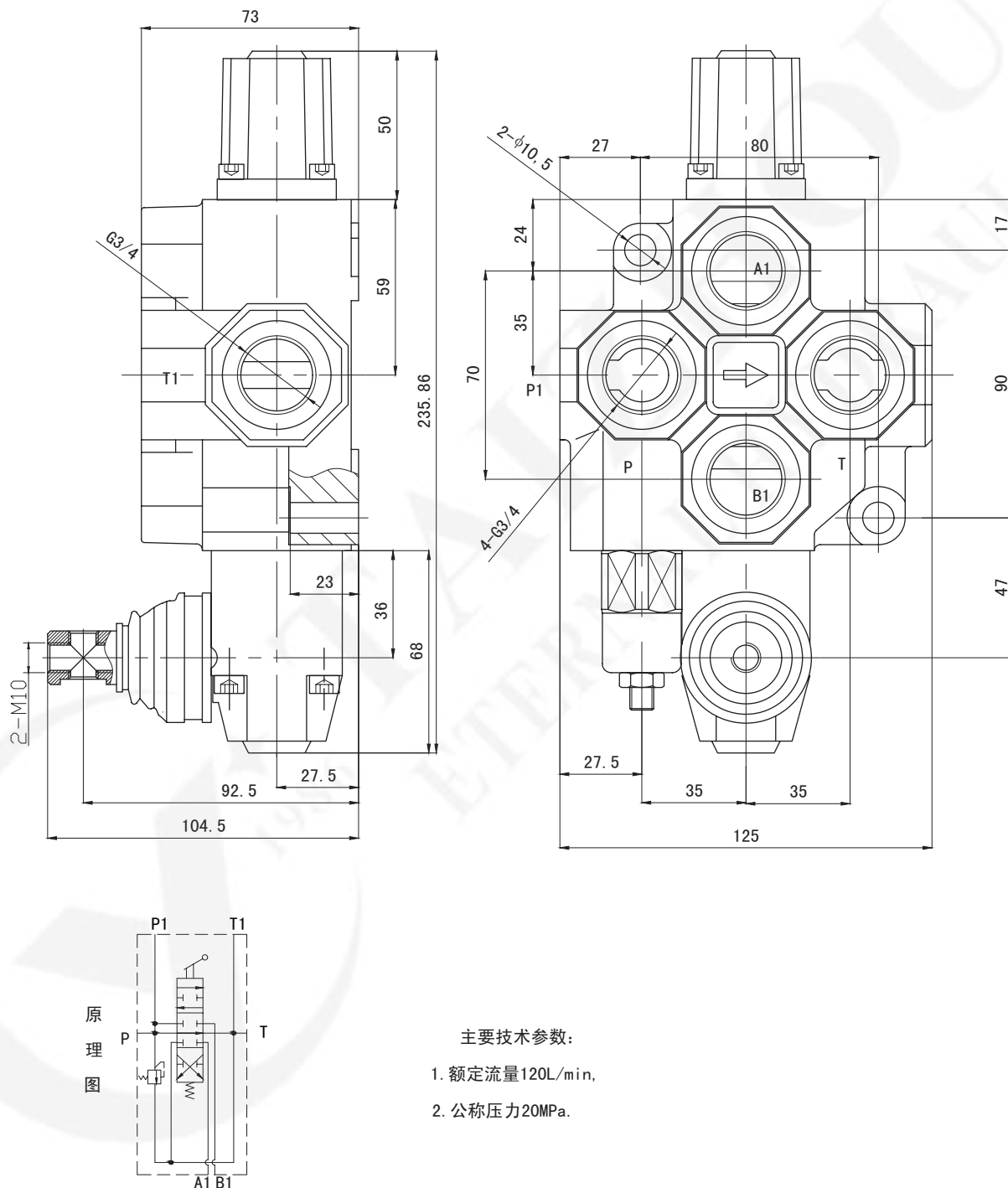
技术参数/PARAMETERS

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	25	120	120	≤1	-20 ~ +80	10 ~ 400	≤10

SD14 系列整体阀

SD14 Series Monoblock Directional Control Valve

SD14外形安装连接尺寸/MODEL SD14 DIMENSIONAL DATA



注: 订货有特殊要求者, 请与销售顾问联系。

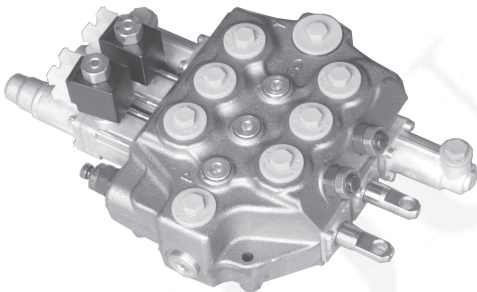
Note: Special features not listed can often be made to your specifications. Please consult your sales representative.

SDM141 滑移式装载机专用阀

SDM141 Series Monoblock Directional Control Valve

产品描述/SPECIFICATION

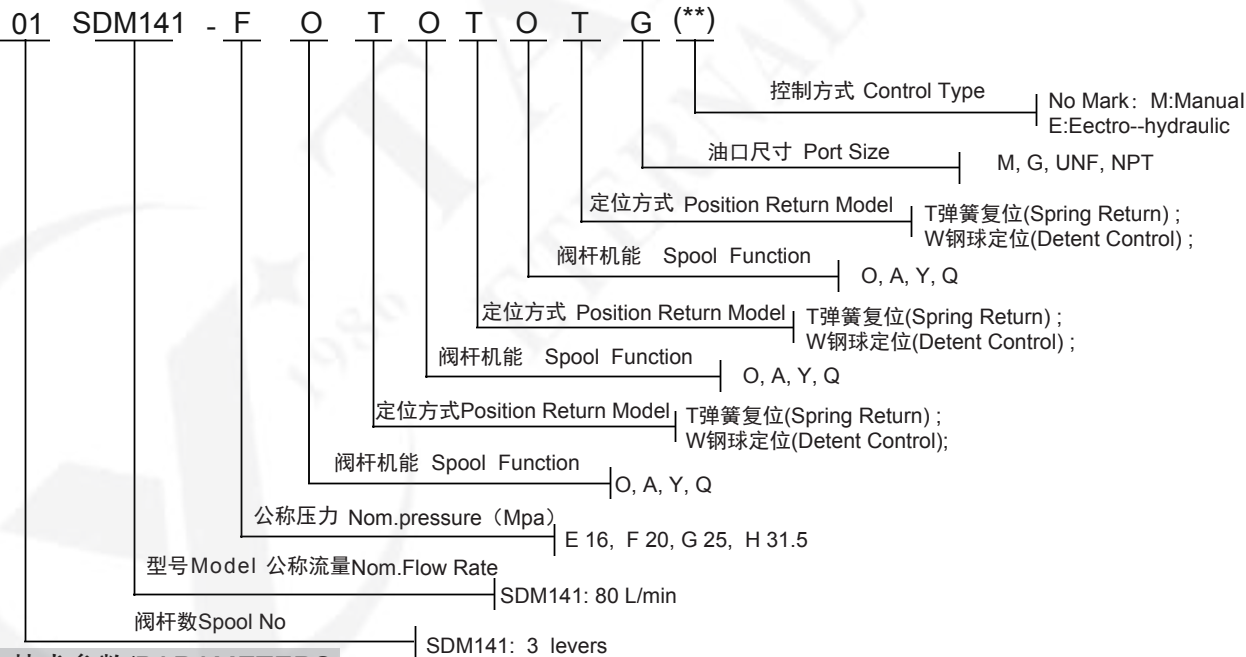
SDM141系列整体阀引进了欧洲先进技术，采用了串联油路，每一片都配有一个单向阀，同时设计了压力输出口与其他液压元件相连接提供动力源。经过特殊设计的密封方式，使阀的密封性能卓越，可以代替进口阀，专门用于滑移式装载机。



产品特点/FEATURES

- ◆ Simple, compact and heavy duty designed 3 sections monoblock valves for open centre hydraulic systems.
- ◆ Fitted with a main pressure relief valve.
- ◆ Each spool has independent load check valve.
- ◆ Series circuit.
- ◆ Optional carry--over port.
- ◆ A wide variety of service port valves.
- ◆ Available manual, electro--hydraulic and remote with flexible cables spool control kits.
- ◆ Diameter 18 mm -- 0.71 in interchangeable spools.

型号说明/MODEL CODE



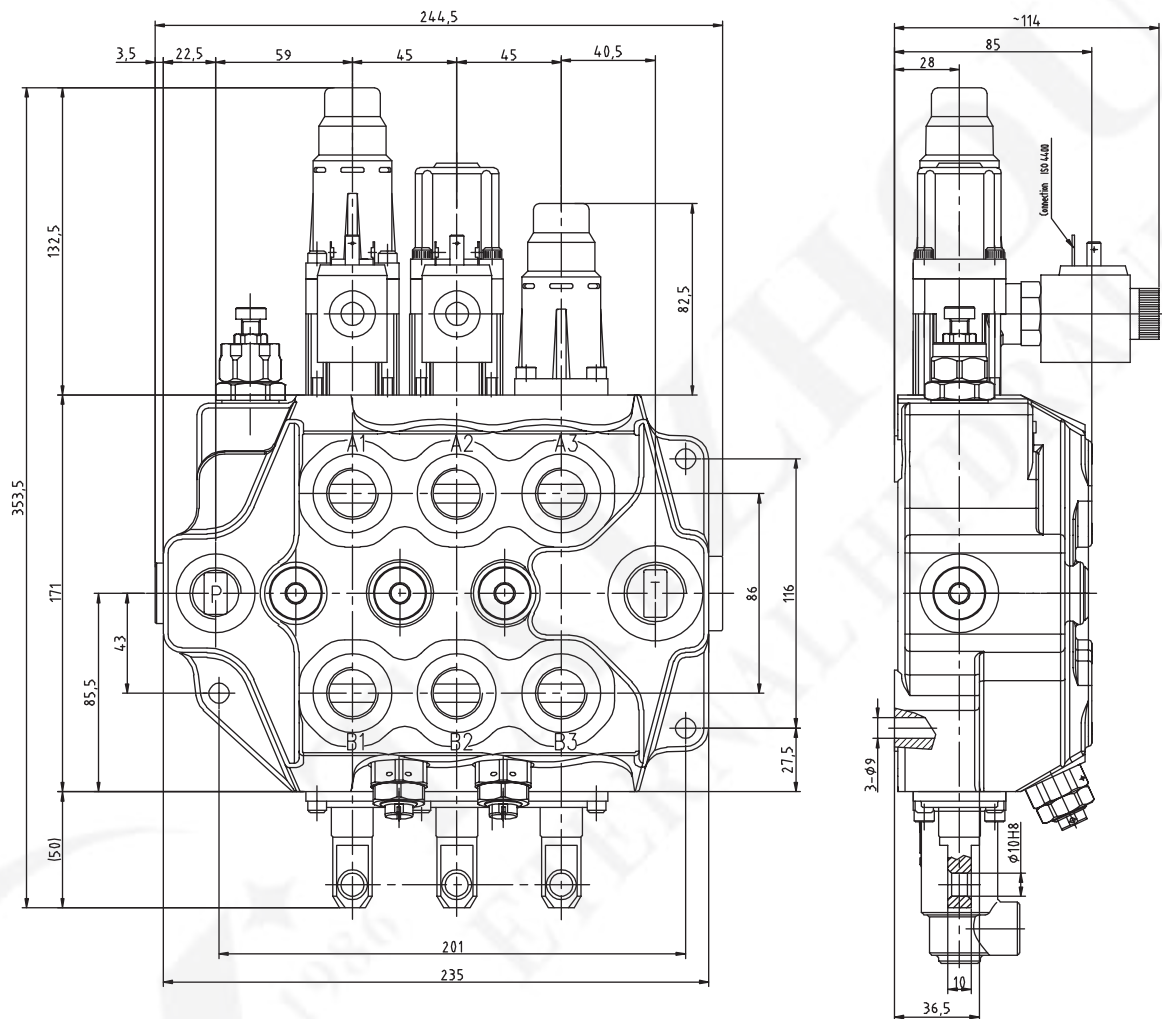
技术参数/PARAMETERS

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	25	80	90	≤1	-20 ~ +80	10 ~ 400	≤10

SDM141 滑移式装载机专用阀

SDM141 Series Monoblock Directional Control Valve

SDM141外形安装连接尺寸/MODEL SDM141 DIMENSIONAL DATA



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.

SD18 Series Monoblock Directional Control Valve

SD18系列整体阀引进了欧洲先进技术，具有结构紧凑、流量120L/min、重量轻、耐高压。该阀采用并联油路，设计有压力出口与其他液压元件相连接提供动力源。该阀广泛应用于工程机械、环卫机械、油田设备、矿山机械和其他机械的液压系统。



Simple, compact and heavy duty designed monoblock from 1 to 4 sections for open and closed center hydraulic systems.

- ◆ Fitted with a direct or pilot operated main pressure relief valve.
- ◆ Parallel circuit.
- ◆ Optional carry-over port.
- ◆ Diameter 25 mm - 0.98 in interchangeable spools.
- ◆ A wide variety of service port valves.
- ◆ Available manual, pneumatic, electro-pneumatic, hydraulic and electro-hydraulic spool control kits.

01 **SD18** **- F** **O** **T** **G** **(**)**

- 01**: 阀杆数 Spool No. SD18: 1~4 levers
- SD18**: 型号 Model 公称流量 Nom. Flow Rate SD18: 120L/min
- F**: 公称压力 Nom. pressure (Mpa) E 16, F 20, G 25, H 31.5
- O**: 阀杆机能 Spool Function O, A, Y, Q
- T**: 定位方式 Position Return Model T 弹簧复位 (Spring Return) W 钢球定位 (Detent Control)
- G**: 油口尺寸 Port Size M, G, UNF, NPT
- (**)**: 控制方式 Control Type No Mark: M: Manual E: Electro-hydraulic P: Pneumatic Pilot

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	120	160	≤1	-20 ~ +80	10 ~ 400	≤10

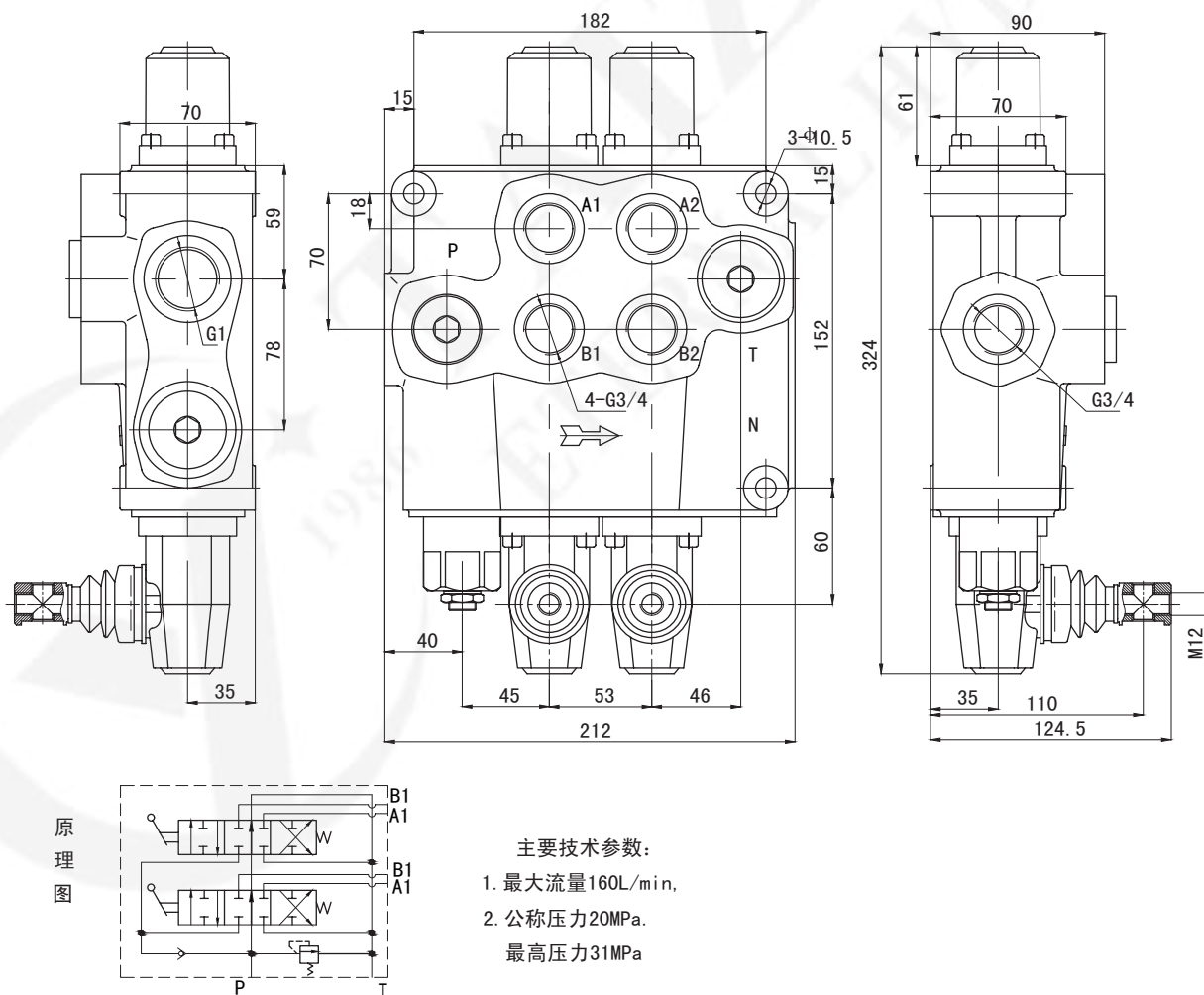
SD18系列整体阀

SD18 Series Monoblock Directional Control Valve

油口尺寸/PORT SIZE

油口 MAIN PORTS	英制 BSP	美制 UN-UNF
进油口 Inlet P	G3/4, G1	1 5/16-12 UN-2B (SAE 16)
工作油口 Ports A and B	G3/4, G1	1 1/16-12 UN-2B (SAE 12)
出油口 Outlet T	G1	1 5/16-12 UN-2B (SAE 16)
高压输出口 carry-over C	M36 × 1.5	M36 × 1.5

SD18外形安装连接尺寸/MODEL SD18 DIMENSIONAL DATA



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.

SD8 系列分片式多路阀

SD8 Series Sectional Directional Control Valves

产品描述/SPECIFICATION

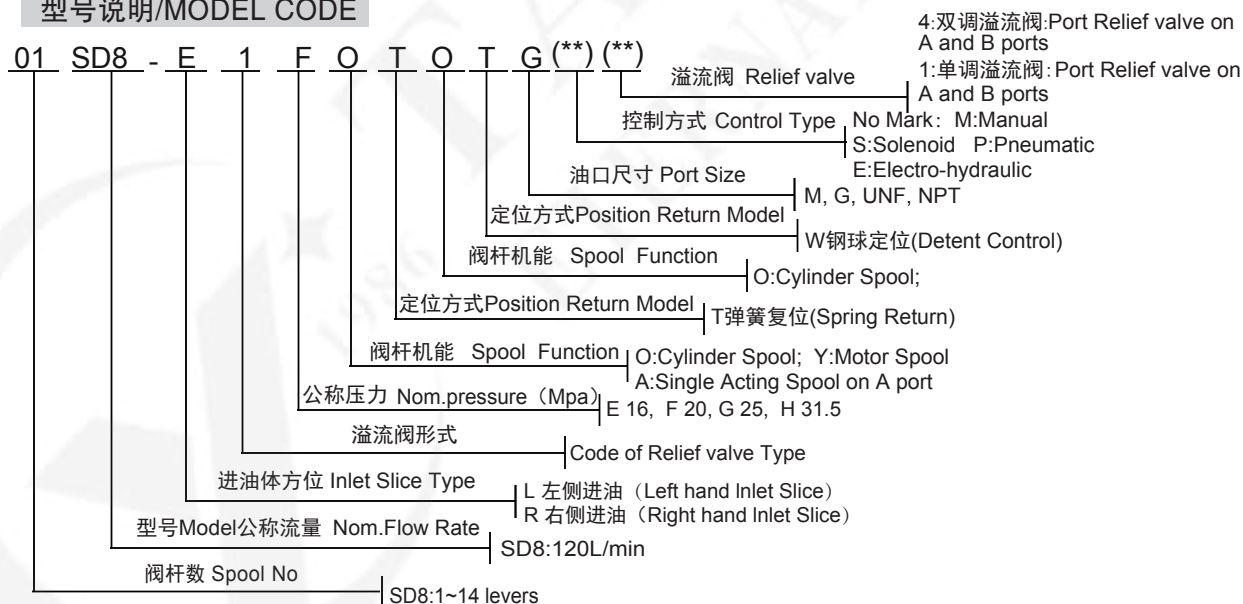
SD8系列分片式多路阀引进了欧洲先进技术，具有机构紧凑、耐高压，使用寿命长，能做1-14连，同时有中位开启和中位闭合两种液压系统。SD8每一片阀体都可以根据客户要求增加溢流阀，补油阀等。控制方式有手动、气动、电液控和软轴遥控等多种不同的控制方式，以满足客户不同的操控需求。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



产品特点/FEATURES

- ◆ Simple, compact and heavy duty designed sectional valve from 1-14 sections for open and closed centre hydraulic systems.
- ◆ Flow rate: 90l/min, with max pressure 315bar.
- ◆ Joining port: L (screw connection)
- ◆ Spool function options: O, P, Y, A and etc.
- ◆ Nominal diameter: G1/2; G3/4, 7/8-14UNF, SAE10, 3/4-16UNF, SAE8, M18X1.5
- ◆ Spring side control options: spring control and detent control
- ◆ Lever side control options: manual, pneumatic control, electric and pneumatic control, hydraulic and electric control, hydraulic control and remote control.

型号说明/MODEL CODE



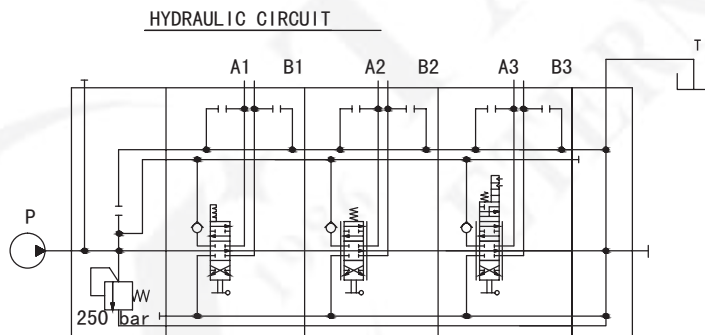
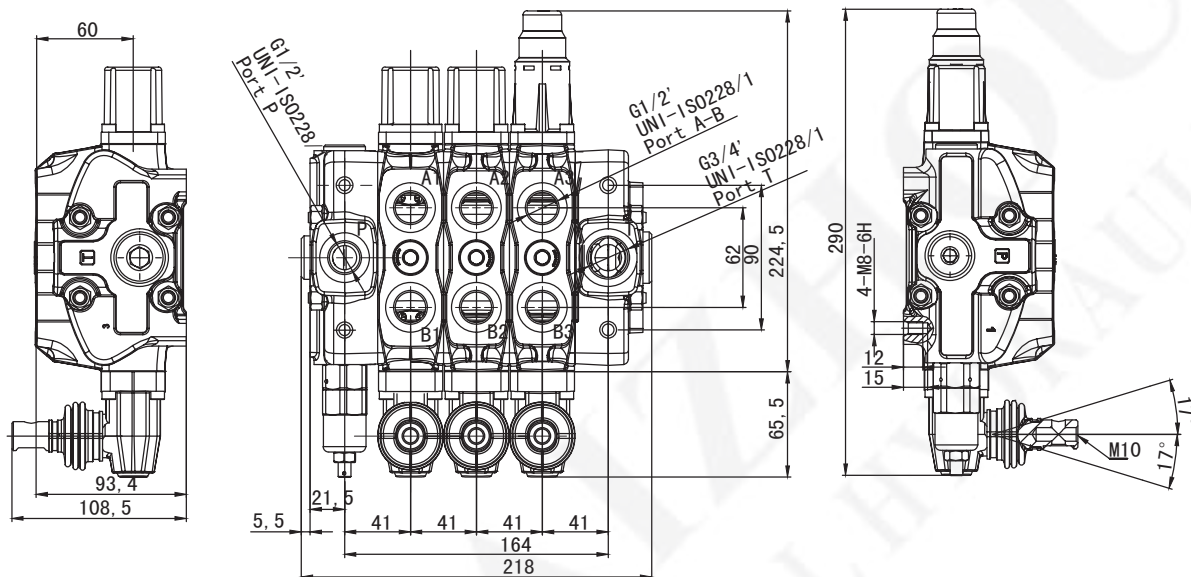
技术参数/PARAMETERS

公称压力 (MPa) Nom. Pressure	最大压力 (MPa) Max. Pressure	公称流量 (L/min) Nom. Flow rate	中位背压 (MPa) Back Pressure	工作油液 hydraulic oil		
				温度范围 (℃) Tem.rang	粘度范围 (mm ² /S) Visc.rang	过滤精度 (μm) filtrating accuracy
16	31.5	80	≤1	-20 ~ +80	10 ~ 400	≤10

SD8 系列分片式多路阀

SD8 Series Sectional Directional Control Valves

SD8 外形安装连接尺寸/MODEL SD8 DIMENSIONAL DATA



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.

SD8 系列液控多路阀

SD8 Hydraulic Pilot Control Valve

产品描述/SPECIFICATION

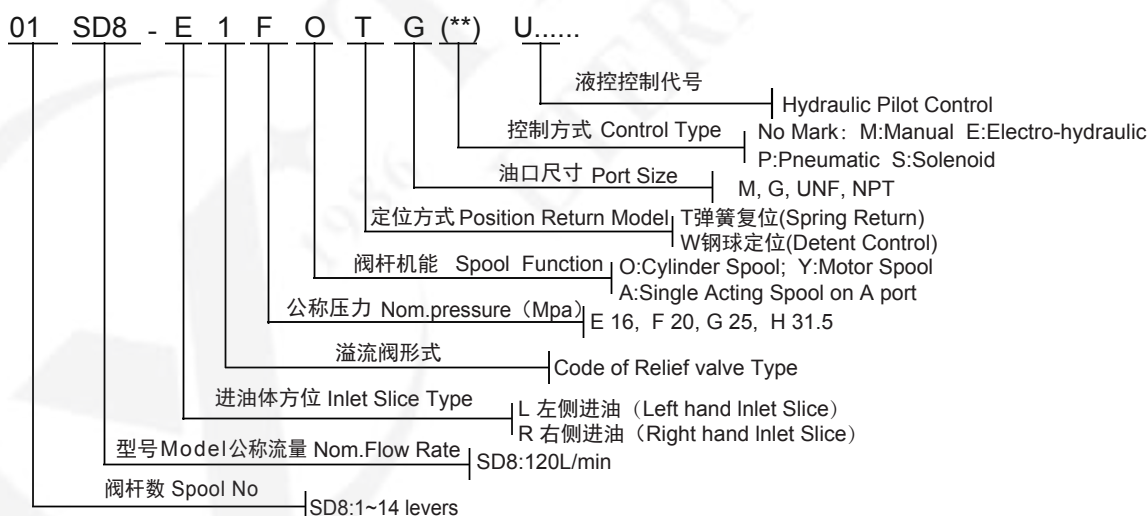
SD8系列分片式多路阀引进了欧洲先进技术，具体有机构紧凑、耐高压，使用寿命长。SD8每一片阀体都可以根据客户要求增加溢流阀，补油阀等。控制方式有手动、气动、电液控和软轴遥控等多种不同的控制方式，以满足客户不同的操控需求。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



产品特点/FEATURES

- ◆ Simple, compact and heavy duty designed sectional valve from 1 to 14 sections for open and closed center hydraulic systems.
- ◆ Fitted with a main pressure relief valve and a load check valve on every working section
- ◆ Flow rate:90LPM, with max pressure 315bar.
- ◆ Spool function options: P,T,Y,A and ect.
- ◆ Optional carry-over port.
- ◆ A wide range of anti shock+anticavitation port valves.
- ◆ Intermediate sections for several types of circuit.
- ◆ Available manual, pneumatic, electrohydraulic, proportional hydraulic, spool control kits.
- ◆ Diameter 18 mm (0.71 in) interchangeable spools.

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	中位背压 (MPa) Back Pressure	工作油液 hydraulic oil		
				温度范围 (℃) Tem.rang	粘度范围 (mm ² /S) Visc.rang	过滤精度 (μm) filtrating accuracy
16	31.5	80	≤1	-20 ~ +80	10 ~ 400	≤10

SD8 系列液控多路阀

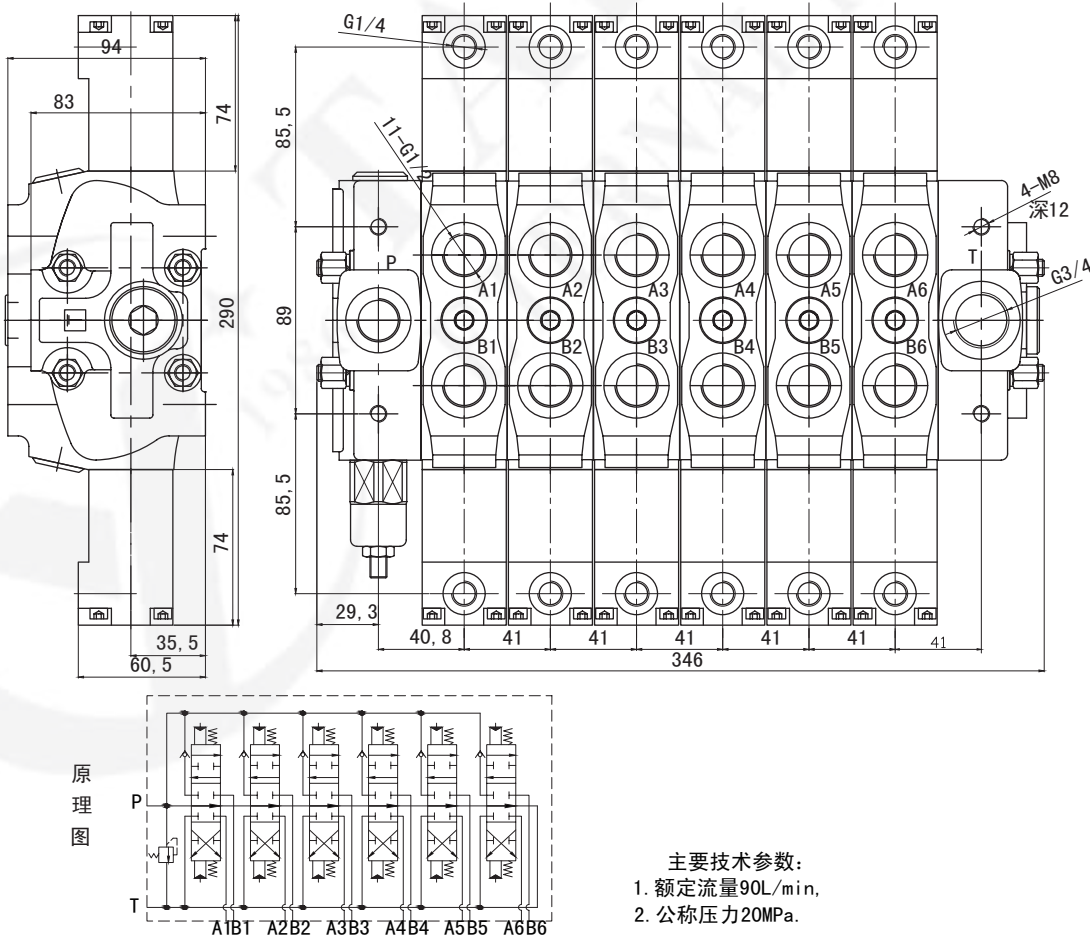
SD8 Hydraulic Pilot Control Valve

技术参数/PARAMETERS

油口 MAIN PORTS	英制 BSP	美制 UN-UNF
进油口 Inlet P	G1/2	7/8-14UNF (SAE 10)
工作油口 Ports A and B	G1/2	3/4-16UNF(SAE8)
出油口 Outlet T	G3/4	7/8-14UNF (SAE 10)
高压输出口 carry-over C	G3/4	7/8-14UNF (SAE 10)
液控油口 Hydraulic pilot port	G1/4	9/16-18(SAE6)

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.

SD8外形安装连接尺寸/MODELR DV SD8 DIMENSIONAL DATA



SDS180 系列分片式多路阀

SDS180 Series Sectional Directional Control Valves

产品描述/SPECIFICATION

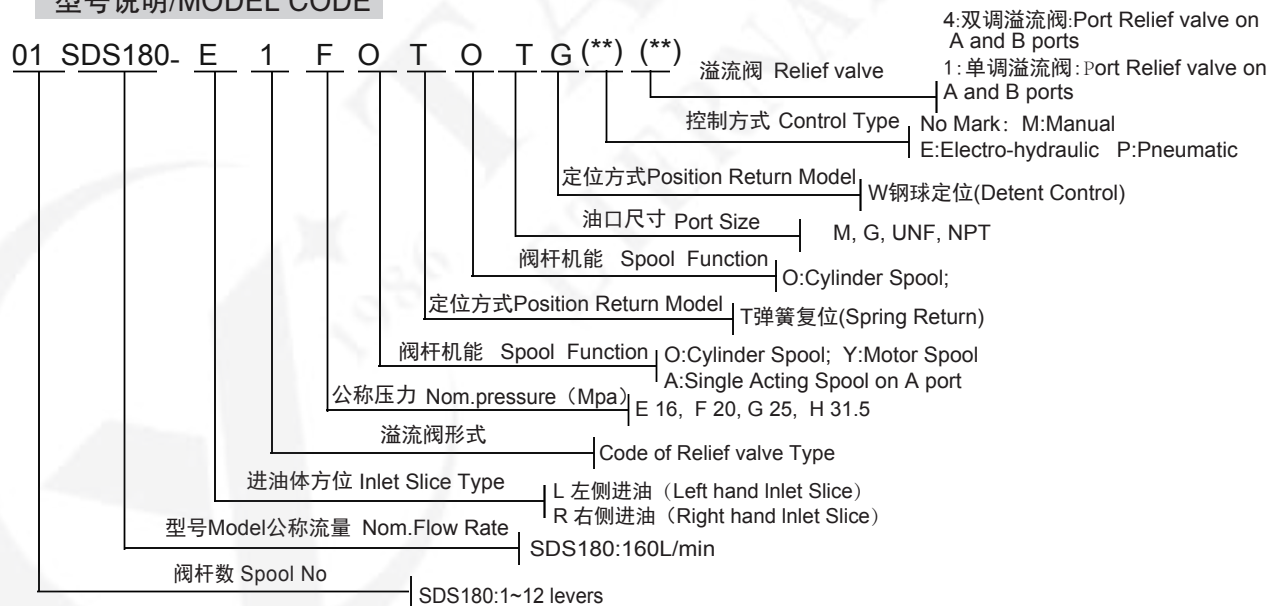
SDS180系列分片式多路阀引进了欧洲先进技术，具有机构紧凑、耐高压，使用寿命长。SDS180每一片阀体都可以根据客户要求增加溢流阀，补油阀等。控制方式有手动、气动、电液控和软轴遥控等多种不同的控制方式，以满足客户不同的操控需求。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。

产品特点/FEATURES

- ◆ Simple, compact and heavy duty designed sectional valve from 1 to 12 sections for open and closed centre hydraulic systems.
- ◆ Fitted with a main pressure relief valve and a load check valve on every working section
- ◆ Available with parallel, tandem or series circuit.
- ◆ Optional carry-over port.
- ◆ A wide range of antishock+anticavitation port valves.
- ◆ Intermediate sections for several types of circuit.
- ◆ Available manual, pneumatic, electrohydraulic, proportional hydraulic, spool control kits.
- ◆ Diameter 20 mm (0.79 in) interchangeable spools.



型号说明/MODEL CODE



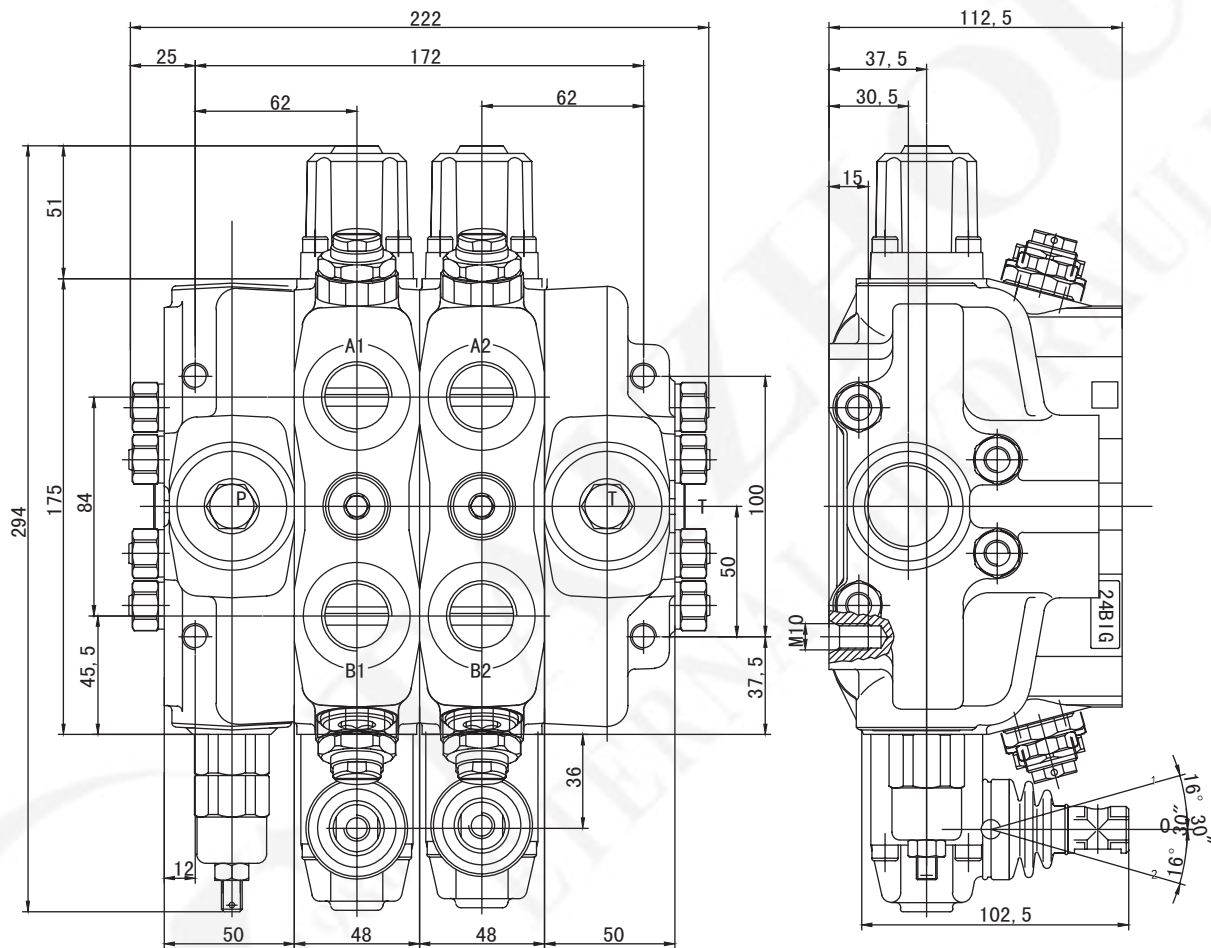
技术参数/PARAMETERS

公称压力 (MPa) Nom. Pressure	最大压力 (MPa) Max. Pressure	公称流量 (L/min) Nom. Flow rate	中位背压 (MPa) Back Pressure	工作油液 hydraulic oil		
				温度范围 (℃) Tem.rang	粘度范围 (mm ² /S) Visc.rang	过滤精度 (μm) filtrating accuracy
16	31.5	160	≤1	-20 ~ +80	10 ~ 400	≤10

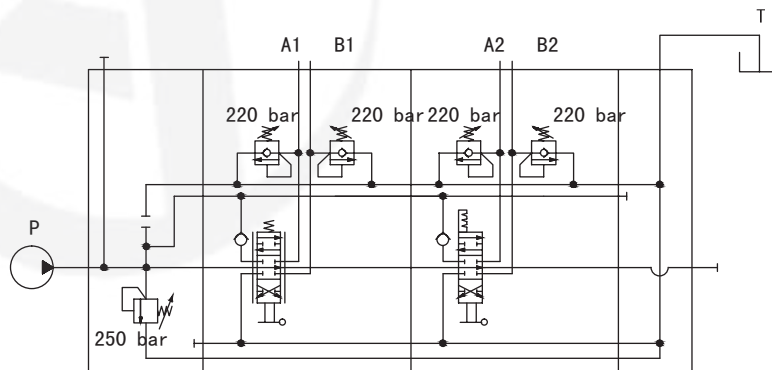
SDS180 系列分片式多路阀

SDS180 Series Sectional Directional Control Valves

SDS180 外形安装连接尺寸/MODEL SDS180 DIMENSIONAL DATA



HYDRAULIC CIRCUIT



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.

SDS180 系列液控分片式多路阀

SDS180 Hydraulic Pilot Control Valve

用途与特征/APPLICATIONS&FEATURES

SDS180系列分片式多路阀引进了欧洲先进技术，具体机构紧凑、耐高压，使用寿命长。SDS180每一片阀体都可以根据客户要求增加溢流阀，补油阀等。控制方式有手动、气动、电液控和软轴遥控等多种不同的控制方式，以满足客户不同的操控需求。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。

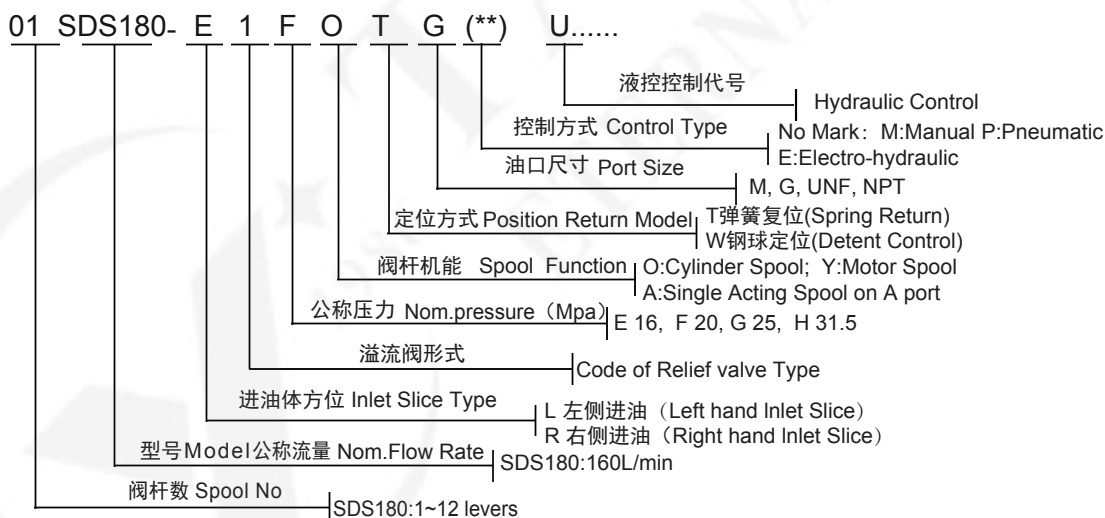


产品特点/FEATURES

Simple, compact and heavy duty designed sectional valve from 1 to 12 sections for open and closed center hydraulic systems.

- ◆ Fitted with a main pressure relief valve and a load check valve on every working section
- ◆ Available with parallel, tandem or series circuit.
- ◆ Optional carry-over port.
- ◆ A wide range of antishock+anticavitation port valves.
- ◆ Intermediate sections for several types of circuit.
- ◆ Available manual, pneumatic, electrohydraulic, proportional hydraulic, spool control kits.
- ◆ Diameter 20 mm (0.79 in) interchangeable spools.

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	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
16	31.5	160	≤1	-20 ~ +80	10 ~ 400	≤10

SDS180 系列液控分片式多路阀

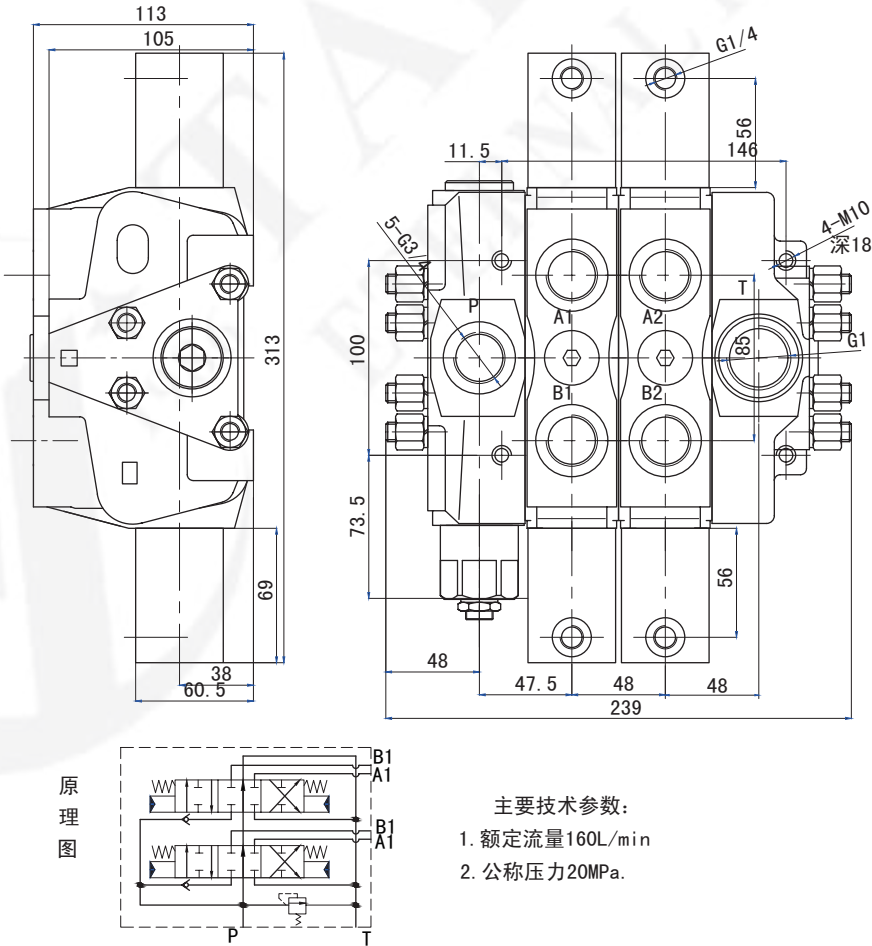
SDS180 Hydraulic Pilot Control Valve

油口尺寸/PORT SIZE

油口 MAIN PORTS	英制 BSP	美制 UN-UNF
进油口 Inlet P	G3/4	1 5/16-12 UN-2B (SAE 16)
工作油口 Ports A and B	G3/4	1 1/16-12 UN-2B (SAE 12)
出油口 Outlet T	G1	1 5/16-12 UN-2B (SAE 16)
高压输出口 carry-over C	G1	1 5/16-12 UN-2B (SAE 16)
液控油口 Hydraulic pilot port	G1/4	9/16-18(SAE6)

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.

SDS180外形安装连接尺寸/MODEL SDS180 DIMENSIONAL DATA



SD25 系列分片式多路阀

SD25 Series Sectional Directional Control Valves

产品描述/SPECIFICATION

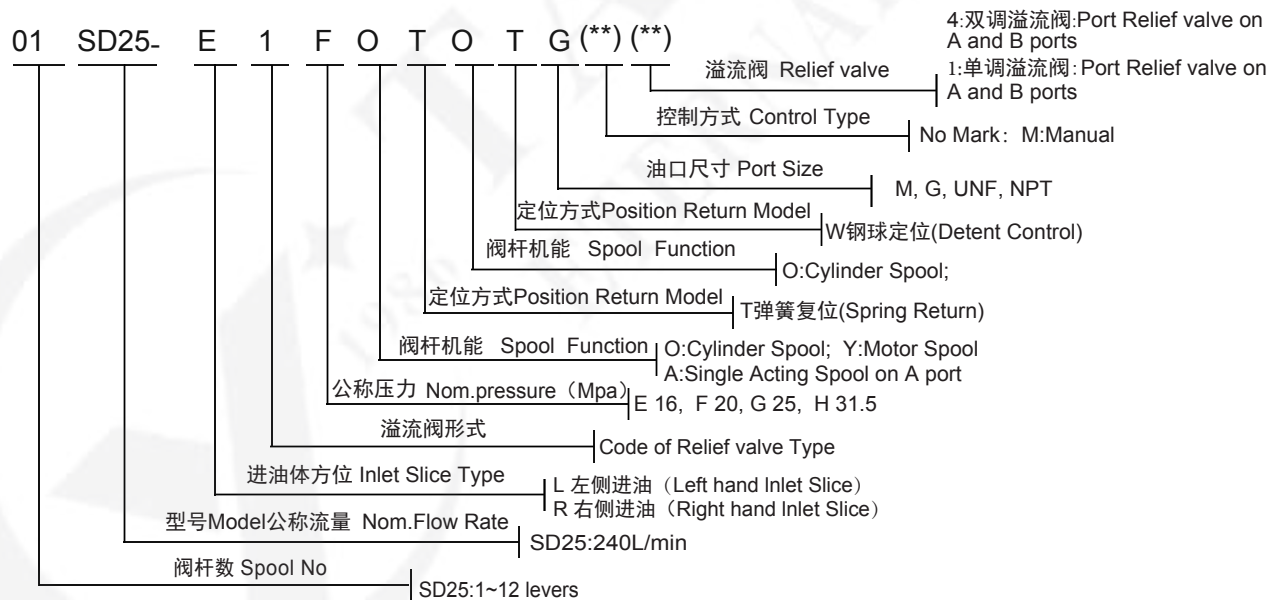
SD25系列分片式多路阀引进了欧洲先进技术，具有机构紧凑、耐高压，使用寿命长。同时SD25片阀的流量高达240l/min，能满足大型工程机械的设计流量要求。SD25每一片阀体都可以根据客户要求增加溢流阀，补油阀等。控制方式有手动、气动、电液控和软轴遥控等多种不同的控制方式，以满足客户不同的操控需求。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



产品特点/FEATURES

- ◆ Simple, compact and heavy duty designed sectional valve from 1 to 12 sections for open and closed centre hydraulic systems.
- ◆ Fitted with a main pressure relief valve and a load check valve on every working section
- ◆ Available with parallel or series circuit.
- ◆ Optional carry-over port.
- ◆ A wide variety of service ports and circuit valves.
- ◆ Available manual, pneumatic, hydraulic, electro-hydraulic, and remote with flexible cables spool control kits.
- ◆ Diameter 25 mm (0.98 in) interchangeable spools.

型号说明/MODEL CODE



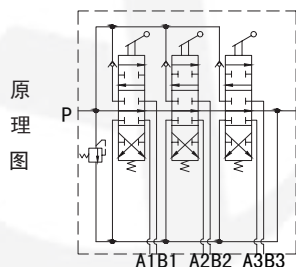
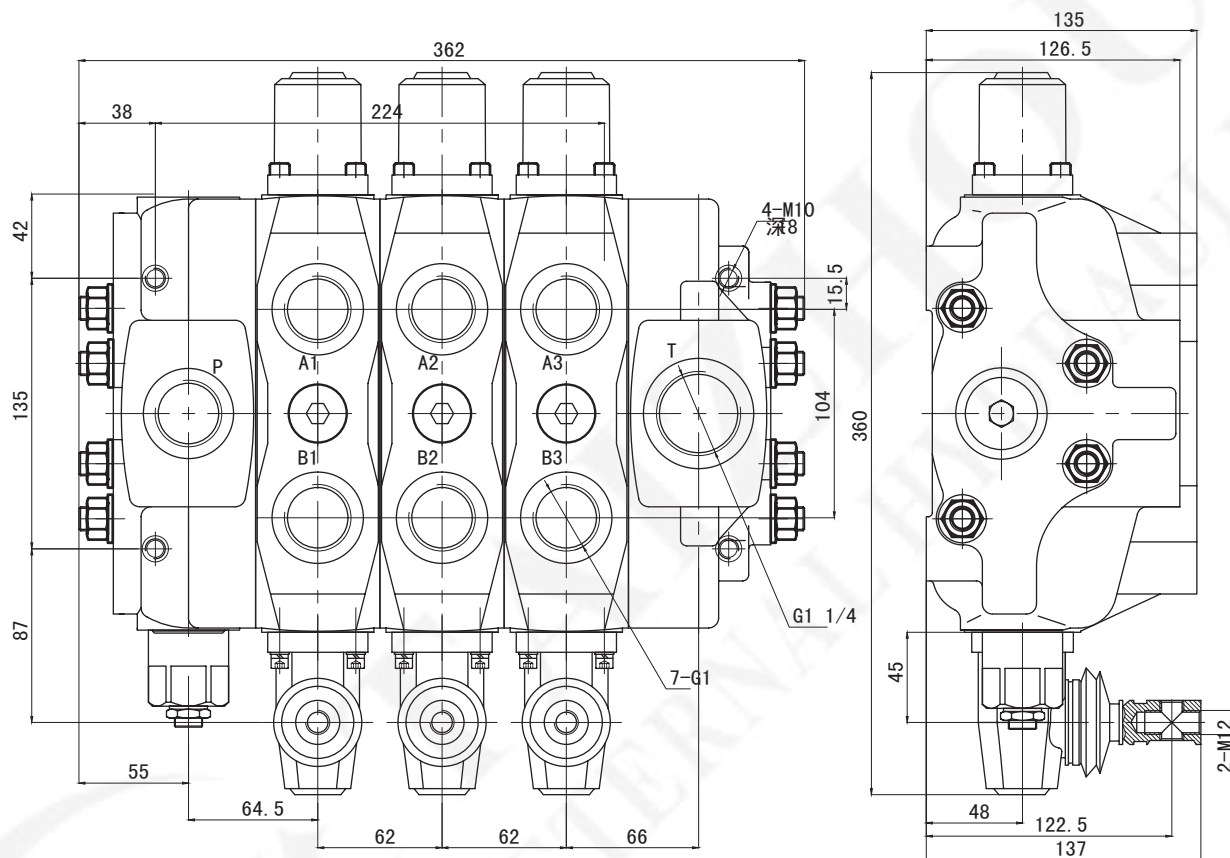
技术参数/PARAMETERS

公称压力 (MPa) Nom. Pressure	最大压力 (MPa) Max. Pressure	公称流量 (L/min) Nom. Flow rate	中位背压 (MPa) Back Pressure	工作油液 hydraulic oil		
				温度范围 (℃) Tem.rang	粘度范围 (mm ² /S) Visc.rang	过滤精度 (μm) filtrating accuracy
16	31.5	240	≤1	-20 ~ +80	10 ~ 400	≤10

SD25 系列分片式多路阀

SD25 Series Sectional Directional Control Valves

SD25 外形安装连接尺寸/MODEL SD25 DIMENSIONAL DATA



主要技术参数:

1. 额定流量240L/min,
2. 公称压力20MPa.

注: 订货有特殊要求者, 请与销售顾问联系。

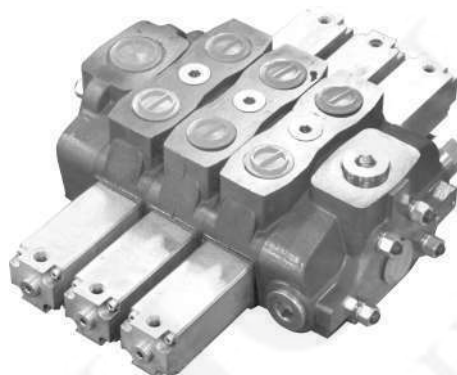
Note: Special features not listed can often be made to your specifications. Please consult your sales representative.

SD25 系列液控多路阀

SD25 Hydraulic Pilot Control Valve

用途与特征/APPLICATIONS&FEATURES

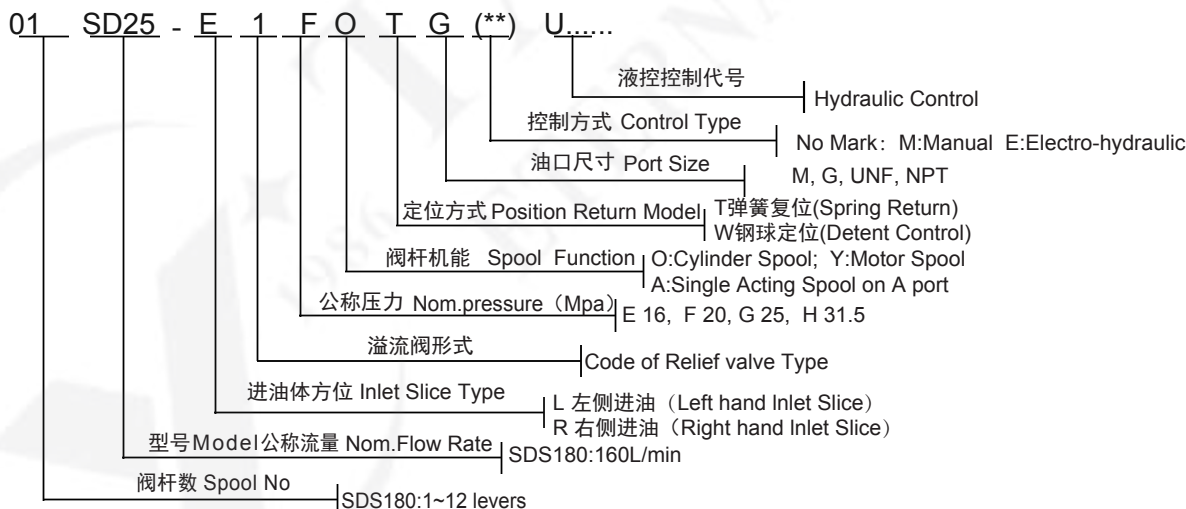
SD25系列分片式多路阀引进了欧洲先进技术，具体有机构紧凑、耐高压，使用寿命长。同时SD25片阀的流量高达240l/min，能满足大型工程机械的设计流量要求。SD25每一片阀体都可以根据客户要求增加溢流阀，补油阀等。控制方式有手动、气动、电液控和软轴遥控等多种不同的控制方式，以满足客户不同的操控需求。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



产品特点/FEATURES

- ◆ Simple, compact and heavy duty designed sectional valve from 1 to 12 sections for open and closed center hydraulic systems.
- ◆ Fitted with a main pressure relief valve and a load check valve on every working section
- ◆ Available with parallel or series circuit.
- ◆ Optional carry-over port.
- ◆ A wide variety of service ports and circuit valves.
- ◆ Available manual, pneumatic, hydraulic, electro-hydraulic, and remote with flexible cables spool control kits.
- ◆ Diameter 25 mm (0.98 in) interchangeable spools.

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	中位背压 (MPa) Back Pressure	工作油液hydraulic oil		
				温度范围 (℃) Tem.rang	粘度范围 (mm ² /S) Visc.rang	过滤精度 (μm) filtrating accuracy
16	31.5	240	≤1	-20 ~ +80	10 ~ 400	≤10

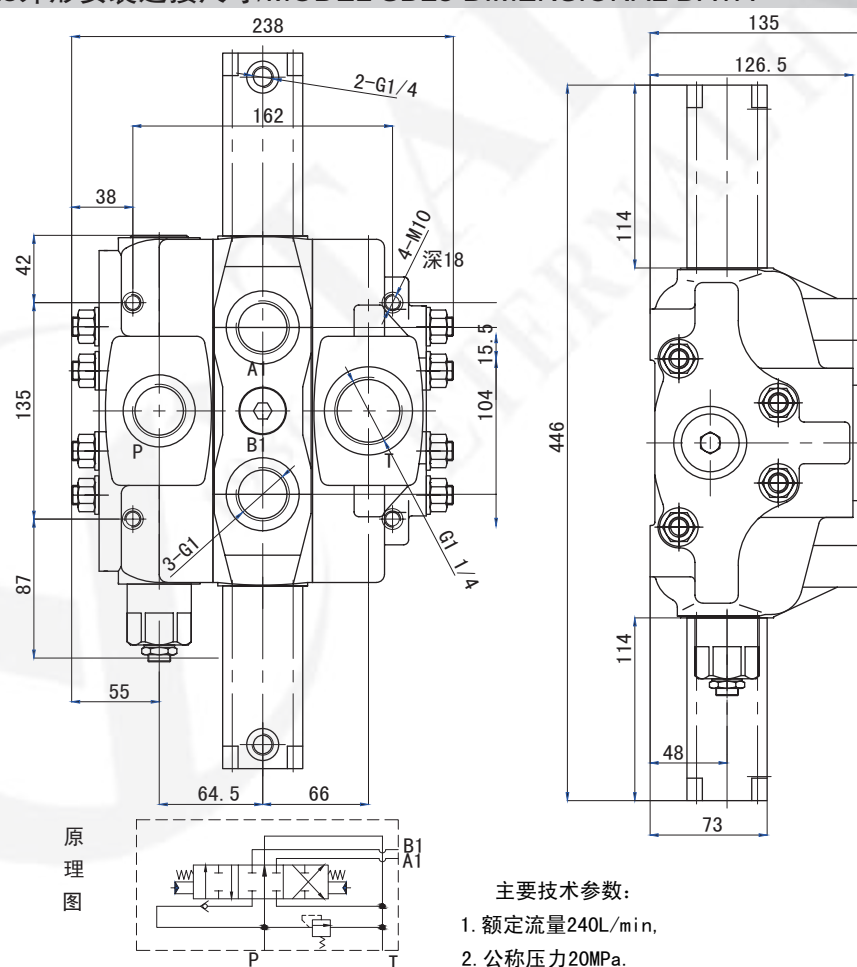
SD25 系列液控多路阀

SD25 Hydraulic Pilot Control Valve

油口尺寸/PORT SIZE

油口 MAIN PORTS	英制 BSP	美制 UN-UNF
进油口 Inlet P	G1	1 5/8-12 UN-2B (SAE 20)
工作油口 Ports A and B	G1	1 5/16-12 UN-2B (SAE 16)
出油口 Outlet T	G1 1/4	1 5/8-12 UN-2B (SAE 20)
高压输出口 carry-over C	G1 1/4	1 5/8-12 UN-2B (SAE 20)
液控油口 Hydraulic Pilot Port	G 1/4	9/16-18 UNF-2B (SAE 6)

SD25外形安装连接尺寸/MODEL SD25 DIMENSIONAL DATA



主要技术参数:

1. 额定流量240L/min,
2. 公称压力20MPa.

注: 订货有特殊要求者, 请与销售顾问联系。

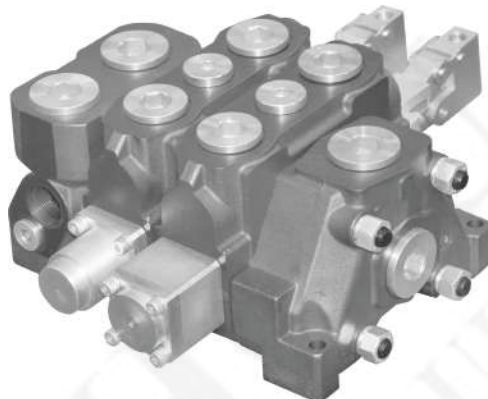
Note: Special features not listed can often be made to your specifications. Please consult your sales representative.

SDS400 系列分片式多路阀

SDS400 Series Sectional Directional Control Valves

产品描述/SPECIFICATION

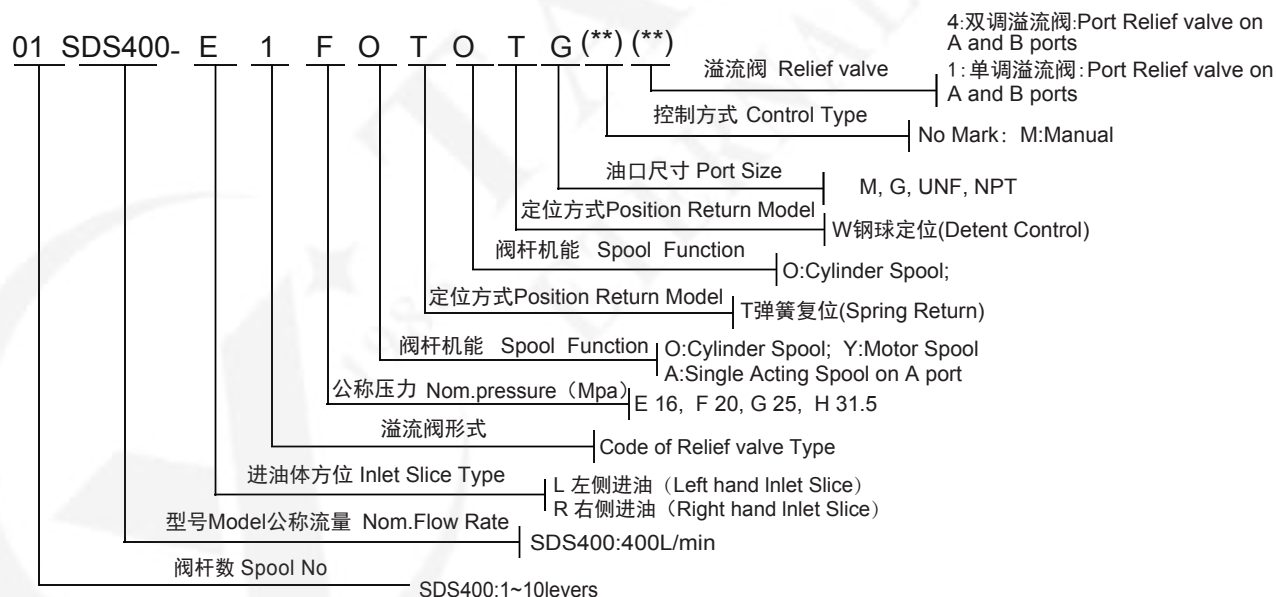
SDS400系列分片式多路阀引进了欧洲先进技术，具有机构紧凑、耐高压，使用寿命长。流量高达400l/min，填补了国内大流量多路阀的空白。SD400每一片阀体都可以根据客户要求增加溢流阀，补油阀等。控制方式有手动、气动、电液控和软轴遥控等多种不同的控制方式，以满足客户不同的操控需求。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



产品特点/FEATURES

- ◆ Sectional directional control valve for high flow, available for fixed displacements hydraulic pumps.
- ◆ From 1 to 10 work sections
- ◆ Open centre
- ◆ Optional carry-over port
- ◆ Main pilot relief valve on inlet cover and load check valve on every section
- ◆ Available wide range of port valves Available manual and hydraulic control kits
- ◆ Diameter 30 mm (1.18 in) interchangeable spools

型号说明/MODEL CODE



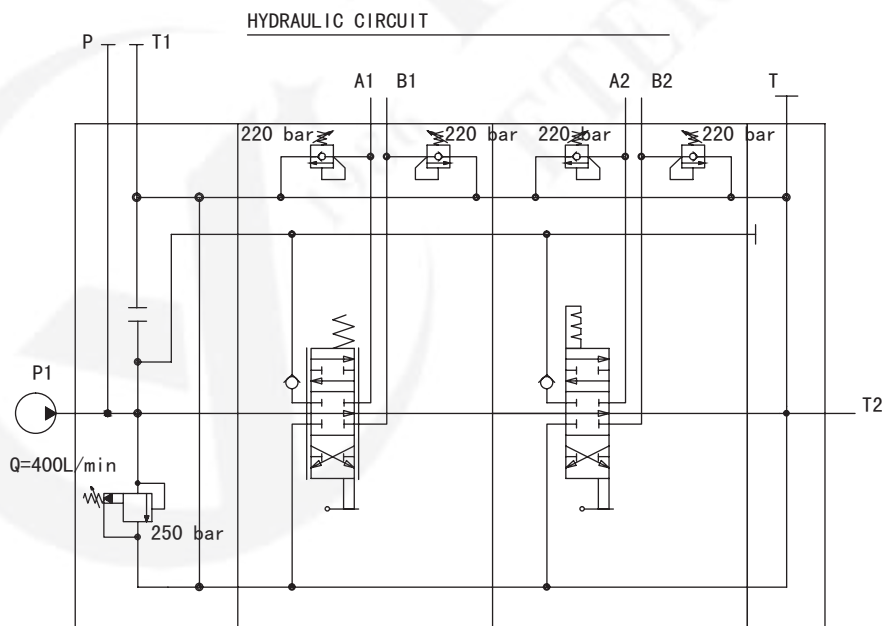
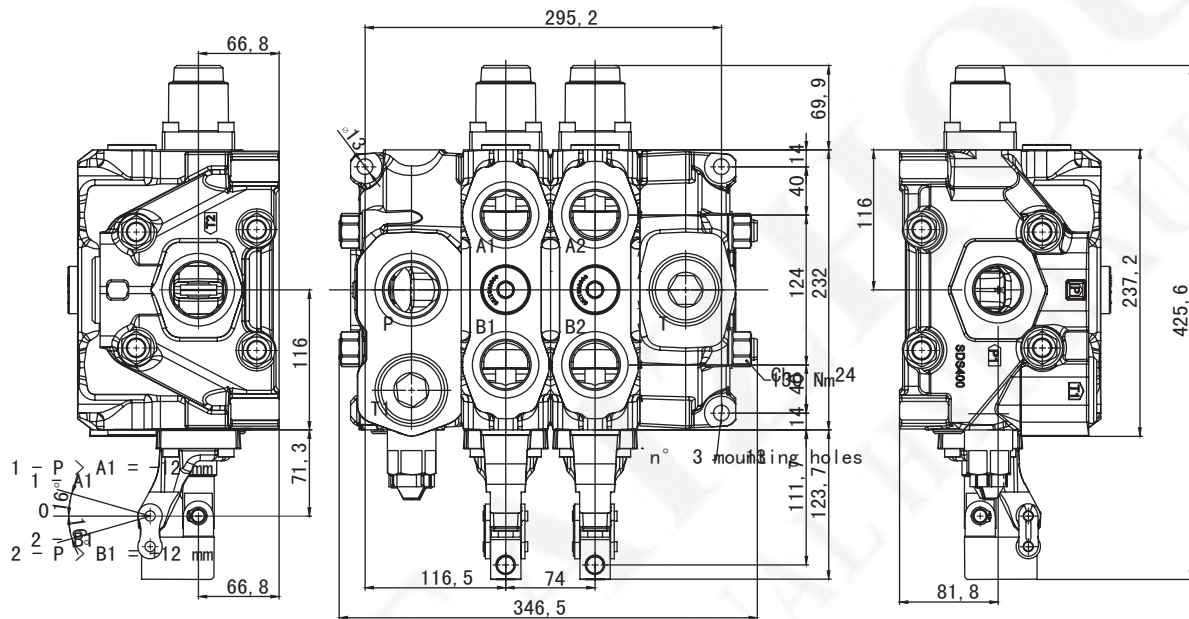
技术参数/PARAMETERS

公称压力 (MPa) Nom. Pressure	最大压力 (MPa) Max. Pressure	公称流量 (L/min) Nom. Flow rate	中位背压 (MPa) Back Pressure	工作油液hydraulic oil		
				温度范围 (℃) Tem.rang	粘度范围 (mm ² /S) Visc.rang	过滤精度 (μm) filtrating accuracy
16	31.5	400	≤1	-20 ~ +80	10 ~ 400	≤10

SDS400 系列分片式多路阀

SDS400 Series Sectional Directional Control Valves

SDS400 外形安装连接尺寸/MODEL SDS400 DIMENSIONAL DATA



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.

SDS400 系列液控片式多路阀

SDS400 Hydraulic Pilot Control Valve

用途与特征/APPLICATIONS&FEATURES

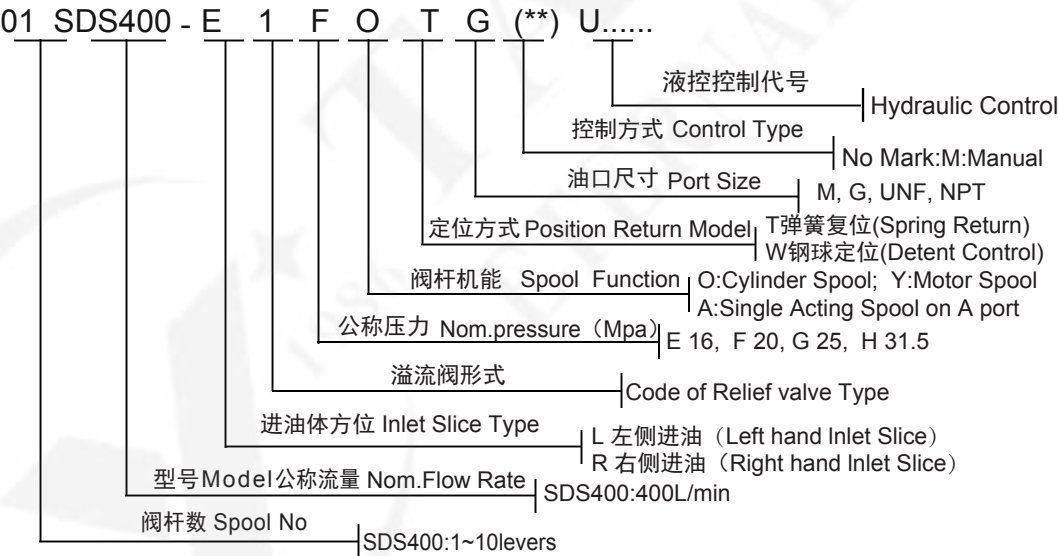
SDS400系列分片式多路阀引进了欧洲先进技术，具体有机构紧凑、耐高压，使用寿命长。流量高达400l/min，填补了国内大流量多路阀的空白。SDS400每一片阀体都可以根据客户要求增加溢流阀，补油阀等。控制方式有手动、气动、电液控和软轴遥控等多种不同的控制方式，以满足客户不同的操控需求。该阀广泛应用于工程机械、环卫机械、矿山机械和其他机械的液压系统。



产品特点/FEATURES

- ◆ Sectional directional control valve for high flow, available for fixed displacements hydraulic pumps.
- ◆ From 1 to 10 work sections
- ◆ Open center
- ◆ Optional carry-over port
- ◆ Main pilot relief valve on inlet cover and load check valve on every section
- ◆ Available wide range of port valves Available manual and hydraulic control kits
- ◆ Diameter 30 mm (1.18 in) interchangeable spools

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	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
16	31.5	400	≤1	-20 ~ +80	10 ~ 400	≤10

SDS400 系列液控片式多路阀

SDS400 Hydraulic Pilot Control Valve

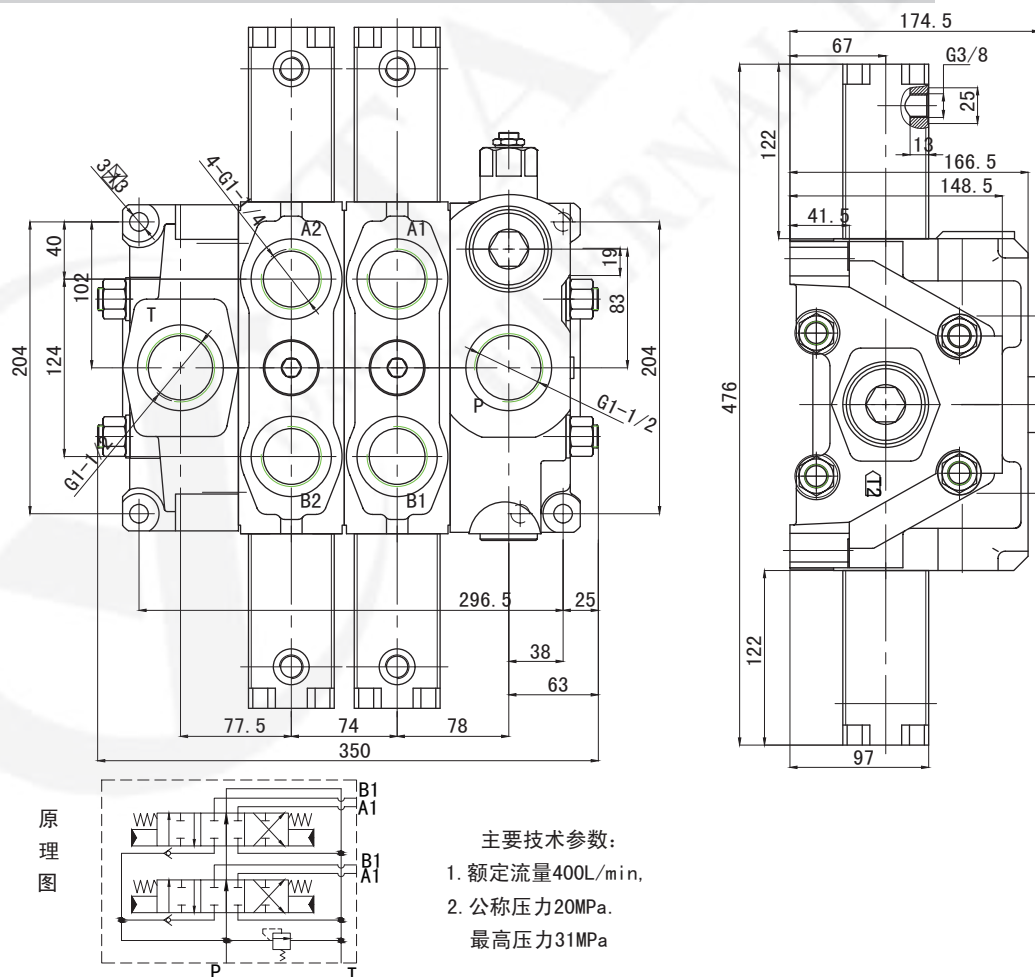
油口尺寸/PORT SIZE

油口 MAIN PORTS	英制 BSP	美制 UN-UNF
进油口 Inlet P/P1	G1 1/2 / G1 1/4	1 7/8-12 (SAE 24) 1 5/8-12 (SAE 20)
工作油口 Ports A and B	G1 1/4	1 5/8-12 (SAE 20)
出油口 Outlet T	G1 1/4	1 7/8-12 (SAE 24)
高压输出口 carry-over C	G1 1/2	1 7/8-12 (SAE 24)
液控油口 Hydraulic pilot port	G3/8	9/16-18 (SAE8)

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.

SDS400外形安装连接尺寸/MODEL SDS400 DIMENSIONAL DATA



More Series of Hydraulic Directional Control Valve:

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	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	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	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	40	1-7	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
P80 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	80	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
P120 (SD18) Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	120	1-4	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
Z50 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	50	1-7	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Solenoid
Z80 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	50	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZT(ZD)-L12 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	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	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	60	1-3	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZDa-L15 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	60	1-10	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZT(ZD)-L20 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	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	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	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	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	40	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
SD5 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	45	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Solenoid Manual
SD11 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	70	1-4	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
SD14 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	110	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
SD8 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	70	1-10	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Solenoid Manual
SD180 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	160	1-10	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
SD25 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	240	1-12	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
DCV40 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	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	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	100	1-4	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
DCV60 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	50	1-12	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Manual
DCV100 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	90	1-14	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	

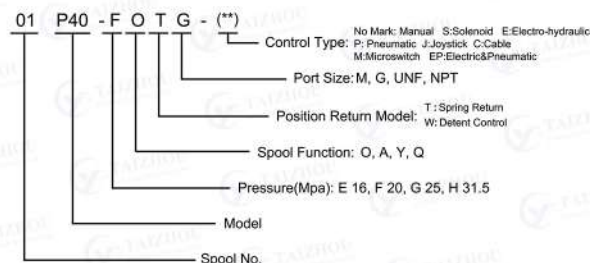


Item	Pressure (Mpa)	Flow (L/min)	Spool No.	Spool Function	Position Return Model	Port Size	Control Type
DCV140 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	130	1-14	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Pneumatic Manual
DCV200 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	180	1-14	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZS-L10 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	40	1-18	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
ZS-L20 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	100	1-15	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
ZS-L25 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	160	1-12	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
M82 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	40	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
M83 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	45	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Electro-hydraulic Manual Pneumatic Hydraulic
M85 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	70	1-6	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	
RD5100/ RD5200/ RD5300 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	120	1-3	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
SVV90 Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	90	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Solenoid
LVA Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	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	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	115	1	O,A,Y,Q	T:Spring Return W:Detent Control	M G UNF NPT	Manual
LKF Series	E:16Mpa F:20Mpa G:25Mpa H:31.5Mpa	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"	1-1/8-12 UNF	NPT 3/4"
140-160L	M33x2	G 1"	1-1/8-12 UNF	NPT 1"
160-240L	M42x2	G 1-1/2"	1-1/2-12 UNF	NPT 1-1/2"

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