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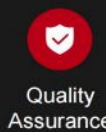
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DSG 型电磁换向阀
DSG - ELECTROMAGNETIC REVERSING VALVES



DSG-02-2B2



DSG-02-3C2



(Circular Electromagnet)
DSG-03-2B2 (圆电磁铁)



(With junction box)
DSG-02-3C2 (带接线盒)



(Circular Electromagnet)
DSG-03-3C60 (圆电磁铁)



(Square Electromagnet)
DSG-03-3C60 (方电磁铁)

DSG 型电磁换向阀
DSG - ELECTROMAGNETIC REVERSING VALVES

型号说明 Ordering code

DS	G	02	3C2	D24		L
电磁换向阀 solenoid directional valves	板式安装 subplate mounting	通径: size DGS 02:NG6 SDSG 03:NG10	机能符号 spool symbol	DC12 DC24V=直流 A110 A220=交流 R110 R220=交流本整 DC12=DC12V DC24V=DC24V A110-50=AC110V-50HZ A220-50=AC220V-50HZ R110=RAC110V R220=RAC220V		H:DIN43650插头 L:DIN43650插头 (带灯) B: 接线盒 H:with DIN43650 connector L:DIN43650 connector with lanp B:terminal box type 带自锁式手动应急推杆=NP 带手动推杆=N NP=with Self-locking emergency push rod N=with Manual push rod

标准电磁铁参数 Standard Electromagent parameters

型号 type	电源电压 Coil parametrrs	启动 电流 (A) Start current	稳态 电流 Steady state current	稳态 功率 Stable power	允许电压 波动 supply voltage toberance	线圈绝缘等级 Coil Insulation Level	绝缘电阻 (MΩ) Insulation resistance
DSG02	AC110V 50HZ	2.2	0.46	21.5	80-110	H (180°C)	≥50
	AC110V 60HZ	2.35	0.44	22.5	82-110		
	AC220V 50HZ	1.1	0.23	21.5	80-110		
	AC220V 60HZ	1.18	0.22	22.5	82-110		
	DC12V	-	2.32	28.2	90-110		
	DC24V	-	1.22	29.2	90-110		
	DC48V	-	0.61	29.3	90-110		
	AC110V带整流器	-	0.34	32.8	90-110		
DSG03	AC220V带整流器	-	0.17	34	90-110		
	AC110V 50HZ	5.2	0.74	37	80-110		
	AC110V 60HZ	5.4	0.77	41	82-110		
	AC220V 50HZ	2.6	0.37	37	80-110		
	AC220V 60HZ	2.7	0.39	41	82-110		
	DC12V	-	3.08	27	90-110		
	DC24V	-	1.6	38	90-110		
	DC48V	-	0.77	37	90-110		
	AC110V带整流器	-	0.39	38	90-110		
	AC220V带整流器	-	0.19	37	90-110		

DSG 型电磁换向阀
DSG - ELECTROMAGNETIC REVERSING VALVES

产品特点 Product features

- 高压，大流量
- 最高工作压力能达到35Mpa；
- 油箱允许背压能达到22Mpa；
- 最大流量能达到110L/ min
- 低压降
- 最佳化阀芯设计,减少了液动力产生,
- 对比同类产品能降低10%压降
- 小型，紧凑
- 安装尺寸比以前更小型,紧凑化
- 对比公司同类产品,全长缩短约6%,重量减少约7%
- 动作稳定，可靠
- 五槽式阀体设计,切换声音小、寿命长、动作顺畅、稳定。
- 具备IP65的高防尘、防水性
- 适用于ISO国际标准安装面

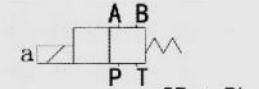
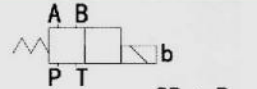
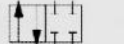
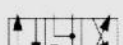
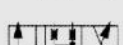
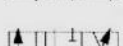
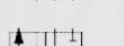
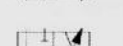
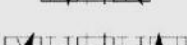
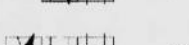
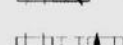
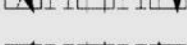
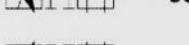
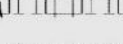
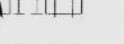
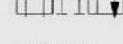
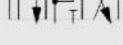
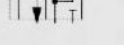
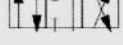
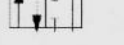
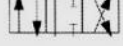
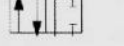
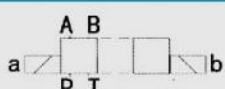
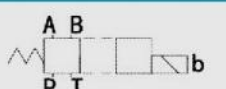
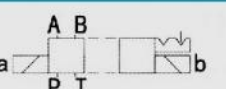
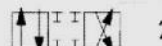
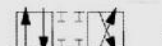
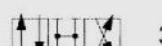
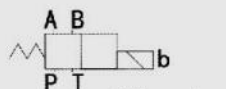
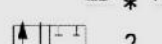
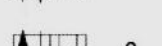
技术性能参数 Technical performance parameters

最大流量 Maximum fow		10L_ / min
最高使用压力 Maximum use pre55urB		35MPa
最大允许背压 Maximum allowable back pressure		22MPa
工作环境温度 F Working tamperature		-15℃~50℃
介质环境温度 Medium ambient temperature		-15℃~70℃
介质工作粘度范围 Medium working viscosity range		15~400²m/s
工作介质 Working medium		ISO VG 32.64
介质过滤精度要求 Media filter accuracy requirements		绝对精度25µm或更高精度 Absolute accuracy 25 µm or higher
防护形式 Protection fom		耐气候性符合IP65 Climate-resistant fit IP 65
最高换向频率 Maximum ommutation requency		300 times - min (AC / DC)
		120 times / min (RF)
安装表面 Mounting surfae		1504401-AB-03-4-A
重量 weight	单电磁铁阀 Single electromagnet valve	1.65Kg(DC , RF);1.35Kg(AC)
	双电磁铁阀 Double electromagnet vave	2.05Kg(DC , RF);1.75Kg(AC)
紧固螺钉组件 Fastening screw assembly	公制 Metric	15*45长*支
	英制 Imperial	10#~20UNC*1~3/4" 长*4支
紧固扭矩 Tightening torque		5~7Nm

- High pressure, high flow.**
The highest working pressure can reach 35Mpa;
The tank allows back pressure to reach 22Mpa;
Maximum flow can reach 110L/min.
- Low pressure drop**
Optimize valve core design, reduce liquid power generation, compared with similar products can reduce 10 % pressure drop.
- Small, compact.**
Installation size is smaller and compact than before
Compared with similar products of the company, the total length is shortened by about 6% and the weight is reduced by about 7%.
- Stable, reliable.**
Five-siot valve body design, switching sound bears, long life.smooth movement, stable.
- High dust-proof and water-proof with IP65**
- For ISO standard installation surface**

DSG 型电磁换向阀
DSG - ELECTROMAGNETIC REVERSING VALVES

机能符号 Spool symbols

双电磁铁阀 三位，弹簧中位 double solenoids valve with three position spring centring	单电磁铁阀 弹簧复位 sigle solenoids valve with spring return	单电磁铁阀 弹簧复位 sigle solenoids valve with spring return
 3C *	 2B * BL	 2B * B
 2	 2	 2
 3	 3	 3
 4	 4	 4
 40	 40	 40
 5	 5	 5
 6	 60	 60
 60	 60	 60
 9	 9	 9
 10	 10	 10
 11	 11	 11
 12	 12	 12
二位，无弹簧 Two position without spring	二位，弹簧复位 Two position with spring return	二位，无弹簧 Two position with machanical detent
 2N *	 2B *	 2D *
 2	 2	 2
 3	 3	
 4	 8	
 7	 2B * A	
	 2	
	 3	

Directional valves 方向阀系列



4WE6E(带应急按钮)



4WE10E (新型)



4WE6E(帶防水插头)



Directional valves

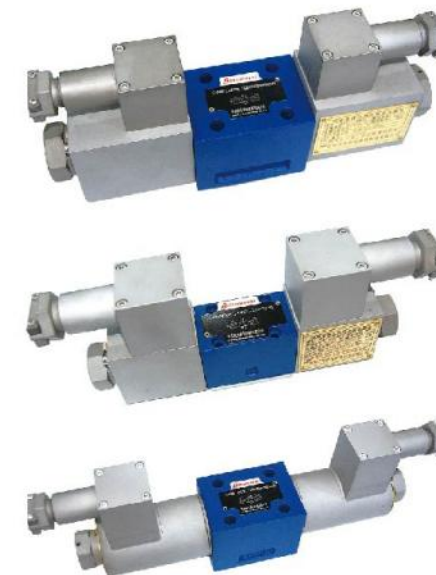
4	WE	10	E	3X	C	D24	L	L
3通路=3 4通路=4 Main ports=3 Main ports=4	电磁换向阀 Solenoid Directional Valves	通径: size 10=10通径 10=10size	机能符号 spool symbol	系列30~39=3X (30~39: 外形互换) Series30~39=3X (30~39series shop is interchangeable)	电磁铁 螺紋 连接=C connect with solenoid thread=C	带自动锁式手动应急 推杆=NP 带手动推杆=N NP=with Self-locking emergency push rod N=with Manual push rod	无标记=无插装节流器 B08=节流孔Φ0.8mm B10=节流孔Φ1.0mm B12=节流孔Φ1.2mm No code=without locating bore with orifice boreB08=Φ0.8mm with orifice boreB10=Φ1.0mm with orifice boreB12=Φ1.2mm	L: 蓝色网体 H: 黑色网体 L: blue color H: black color
无标记=弹簧复位 0=无弹簧复位 OF=无弹簧复位, 带定位机构 Nocode=with spring return O=without spring return OF=without spring return with detent		DC12 DC24V=直流12V 24V A110 A220=交流110V/50HZ 220V/50HZ R110 R220=交流本整110V 220V DC12=DC12V DC24V=DC24V A110-50=AC110V-50HZ A220-50=AC220V-50HZ R110=RAC110V R220=RAC220V		H: DIN43650插头 L: DIN43650插头 (带灯) F: 德标插头, 防护等级IP69K/Deutsch A: 安普插头, 防护等级IP66/AMP Junior-Time D: 双线 B: 接线盒 H: with DIN43650 connector L: DIN4360connector with lamp F: Deutsch proection degree IP69k A: AMP Juniro-Time, proection degreeIP 66 B: with manual push rod		无标记=定睛橡胶 V=氟橡胶密封 No code=NBR Seals V=FKM Seals		

4WE SOLENOID DIRECTIONAL VALVES

过渡机能 spool symbols	滑阀机能 sliding valve spool

FLAM EPROOF ELECTROMAGNETIC REVERSING VALVES

规格specification		02	03
工作压力(MPa) Work pressure	进口P、A、B	31.5	
	进口T	10	
最大流量 (L/min)	Max.flow	80	120
工作介质 Working medium		矿物油液压油; 磷酸酯液压油 Mineral oil hydraulic Oil;phosphate ester hydraulic oil	
介质油温范围(℃) Medium oil tem.range(℃)		-20~70	
介质粘度范围(mm² / s) Medium viscosity range		-2.8~380	
工作电压(V) Operating Voltage	直流DC	24	48
	交流AC	1274/50Hz	220/50Hz
防护等级 Protection level		IP65	
污染度 Pollution degree		油液最高允许污染度按NAS1638第9级, 推荐过滤器过滤精度最小 β 10 $\geq$ 75 The maximum allowable pollution degree of oil s according to NAS1638 level 9.The recommended filter has the minimum filtration accuracy of β 10 $\geq$ 75.	



DGFW	*	*	*	*	*	*	*	52	*
隔爆电磁 换向阀	通径 02=6通径 03=10通径	滑阀 机能	隔爆类别 A=Exd I C=Exd II C T4	空白=无阻尼 (阻尼安装在P腔) 08R=Φ0.8阻尼 10R=Φ1.0阻尼 12R=Φ1.2阻尼	密封材料 空白=NBR密封 V=FRN密封	设计序号	附加说明		
Flameproof electromagnetic reversing valv	size: 02=NG6 03=NG10	Spool symbo	Flameproof category A=Exd I C=Exd II C T4	Blank=no damping (Damping is installed in the P cavity) 08R=Φ0.8damping 10R=Φ1.0damping 12R=Φ1.2damping	Sealing material Blank=NBR seal V=FKM seal	Design Number	Additional information		
			工作电压 D24=直流24V D48=直流48V B127=交流127本整 B220=交流220v本整	空白=无应急推杆 N9=隐式应急推杆					
			Operating Voltage D24=DC24V D48=DC24V B127=B127V B220=B220V	Blank=no emergency putter N9=implicit emergency putter					

4WMM SERIES MANUALLY OPERATED DIRECTIONAL VALVES



- 1.Spool and handle connected together as a whole, reliability is better
- 2.Sub-plate installation
- 3.Handle operated
- 4.Installation surface according to DIN24340 A type ISO4401

技术参数 参见WE型电磁换向阀
工作特性 参见WE型电磁换向阀

technical parameters,take ref WE series
performance charactedstics: take ref WE series

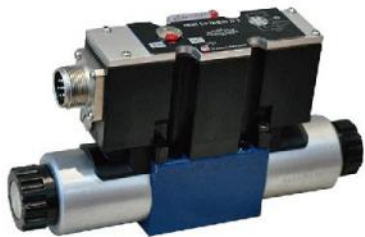
4WEMM ELECTROMAGNETIC REVERSING VALVE WITH AUXILIARY HANDLE



1. This valve can work even in the case of power failure
2. There are two different circuit for your choosing according to the install requirement.
3. When the valve operated by electrical. the handle will stay in the original location. the handle will not effect any valve performance.
4. It can be used as the pilot valve of hydraulic control directional valve.
5. The nstallation surface Is the same as DIN 24340A and WE series.

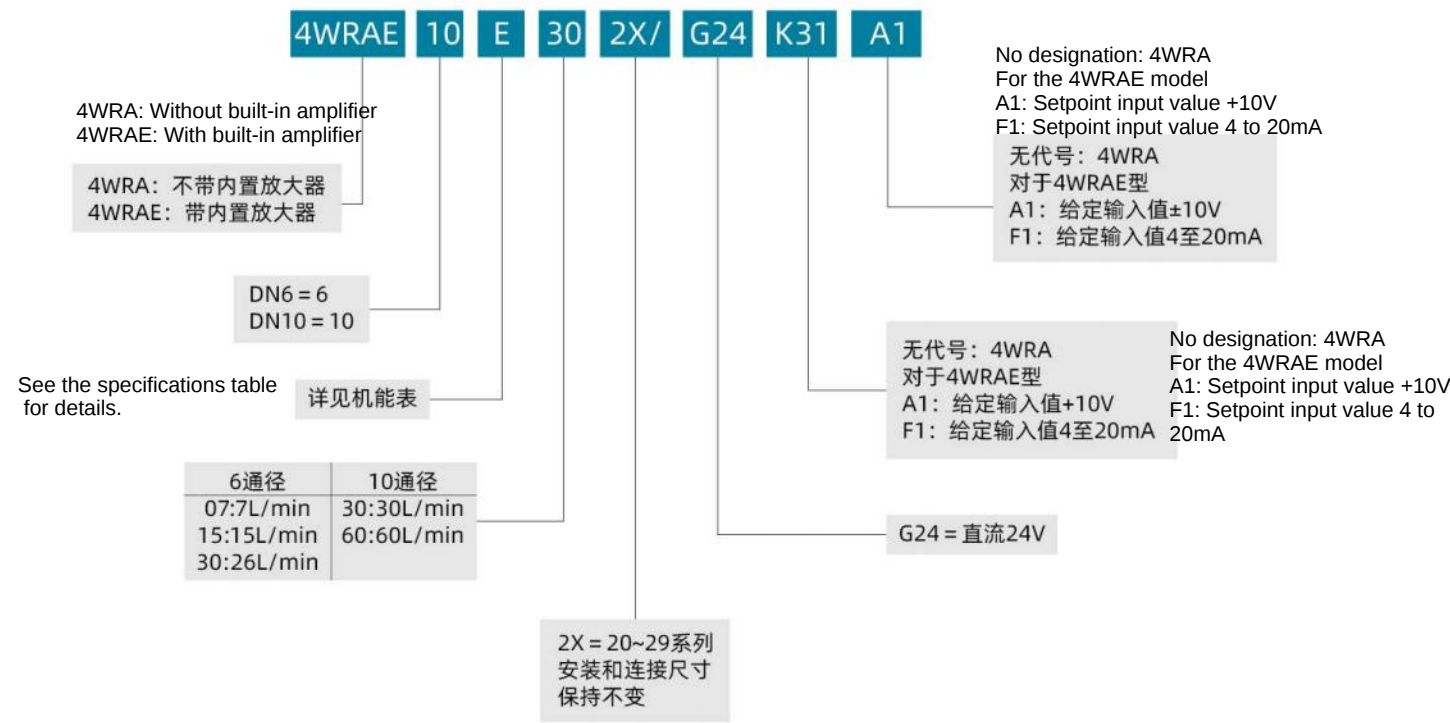
4WRAE型 电磁比例换向阀
4WRAE SERIES ELECTROMAGNETIC PROPORTIONAL DIRECTIONAL VALVES

产品特点 Product features



- 直动式比例方向阀，用于控制液流的流量和方向
 - 板式安装形式
 - 通过螺纹连接比例电磁铁驱动阀芯动作，线圈可单独拆卸
 - 阀芯弹簧对中
 - 可选带内置放大器，4WRAE...L2X型输入可选A1或F1
 - 外置放大器配套供应
- Direct-acting proportional directional valve, which is used to control the flow and direction of liquid flow.
- Plate mounting form
- The valve core is driven to move through the threaded proportional electromagnet, The coil can be disassembled separately.
- Centering of spool spring
- Optional with built-in amplifier, 4WRAE...L2X input can be selected from A1 or F1.
- Supplied with external amplifier.

型号说明 Ordering code



The installation and connection dimensions for the 2X=20~29 series remain unchanged.

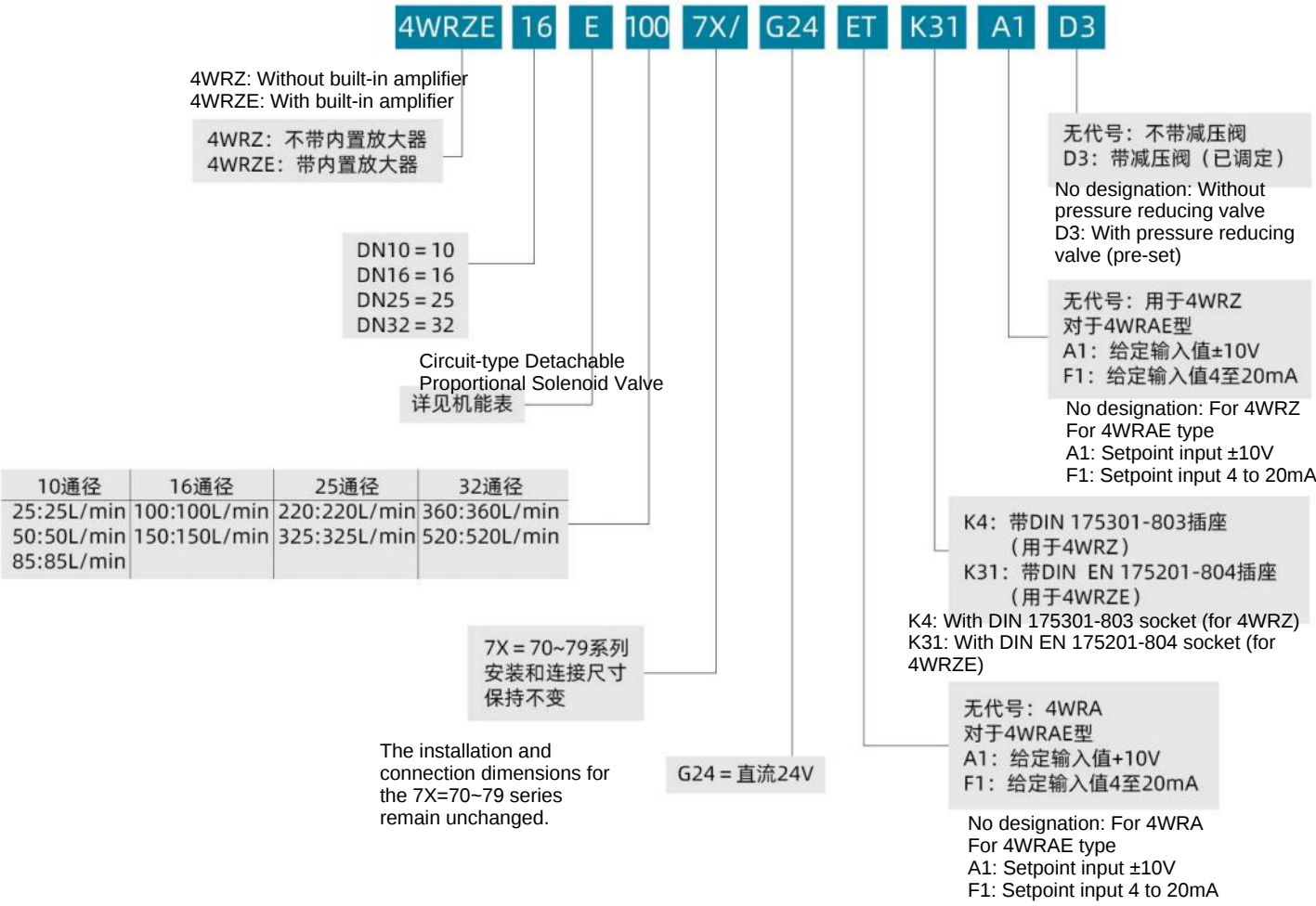
4WRZE型 电液比例换向阀
4WRZE SERIES ELECTROHYDRAULIC PROPORTIONAL DIRECTIONAL VALVES

产品特点 Product features



- 先导式双级比例方向阀，用于控制液流的大小和方向
 - 螺纹连接型比例电磁铁，线圈可单独拆卸
 - 板式连接结构，连接尺寸符合DIN2430和ISO4401标准
 - 控制阀芯弹簧对中
 - WRZE型带集成式比例放大器
 - WRZ型的外置式放大器（另行订货）
- Pilot-operated two-stage proportional directional valve, Used to control the size and direction of liquid flow.
- Screw-connected proportional electromagnet, and the coil can be detached separately.
- plate connection structure, The connection size conforms to DIN2430 and ISO4401 standards.
- control valve core spring centering
- WRZE type proportional amplifier with integrated circuit
- WRZ external amplifier (ordered separately)

型号说明 Ordering code



The installation and connection dimensions for the 7X=70~79 series remain unchanged.

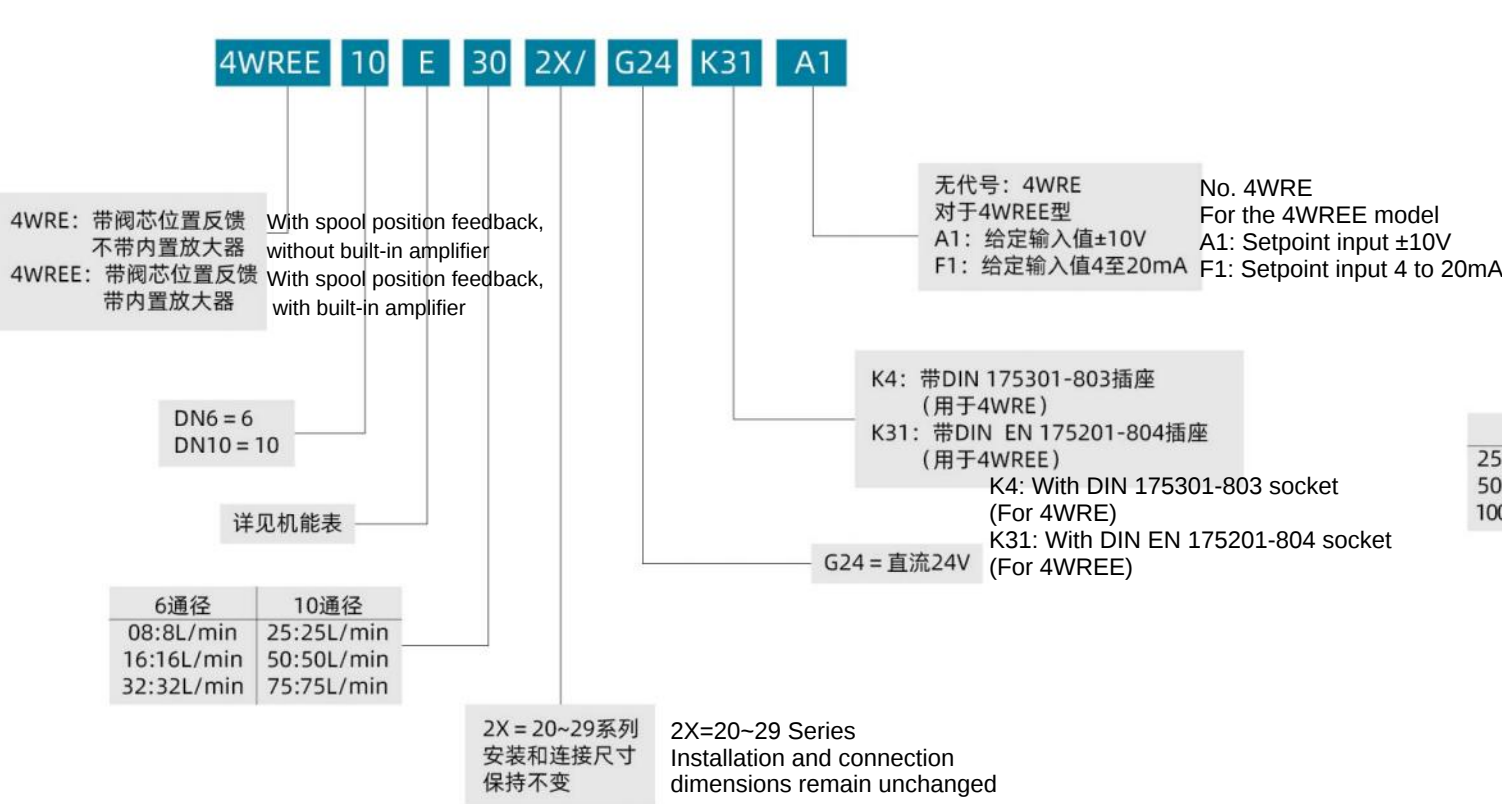
4WREE型 电磁比例换向阀（带位置反馈）
4WREE SERIES ELECTROMAGNETIC PROPORTIONAL DIRECTIONAL VALVES

产品特点 Product features



- 直动式比例方向阀，用于控制液流的流量和方向
 - 板式安装形式
 - 通过螺纹连接比例电磁铁驱动阀芯动作，线圈可单独拆卸
 - 阀芯位置反馈
 - 可选带内置放大器，输入可选A1或F1
 - 外置放大器配套供应
- Direct-acting proportional directional valve, which is used to control the flow and direction of liquid flow.
- Plate mounting form
- The valve core is driven to move through the threaded proportional electromagnet, The coil can be disassembled separately.
- spool position feedback
- Optional with built-in amplifier, input can be selected from A1 or F1.
- Supplied with external amplifier.

型号说明 Ordering code



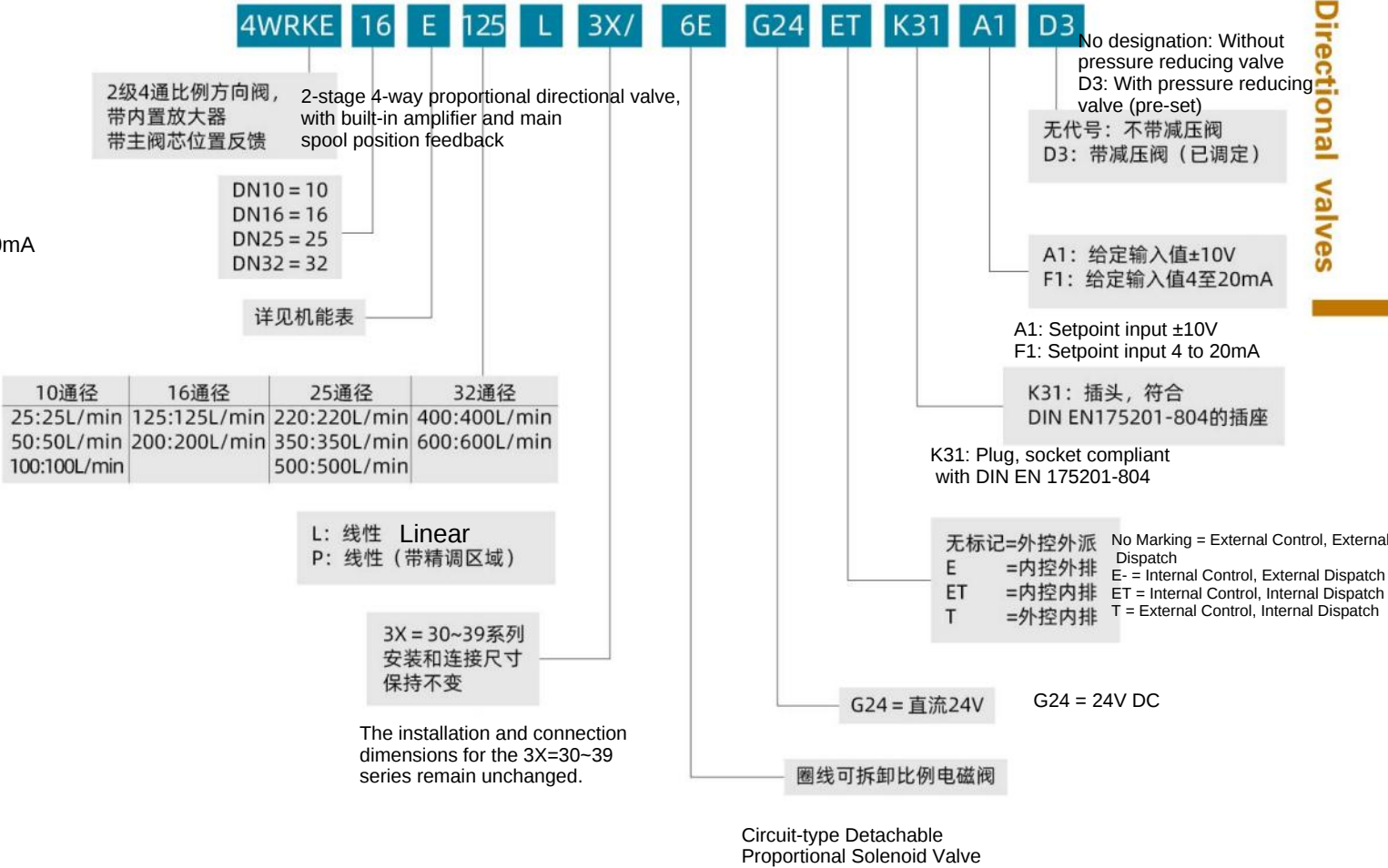
4WRKE型 电液比例换向阀（带位置反馈）
4WRKE SERIES ELECTROHYDRAULIC PROPORTIONAL DIRECTIONAL VALVES

产品特点 Product features



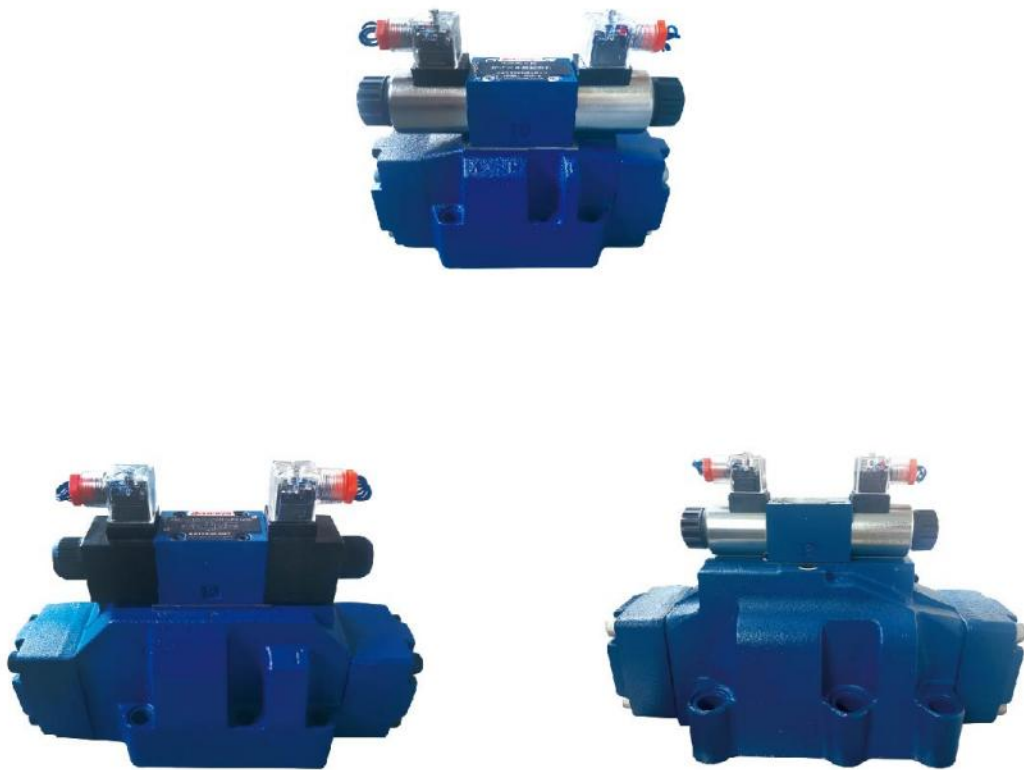
- 带主阀芯电气位置反馈的先导式双极比例方向阀，用于控制液流的大小和方向
 - 板式连接结构，连接尺寸符合ISO4401标准
 - 主阀芯弹簧对中
 - 带集成式比例放大器
 - 先导控制为单极比例 方向阀
 - 先导阀为螺纹连接型比例电磁铁，线圈可单独拆卸
- Pilot bipolar proportional directional valve with main spool electrical position feedback, Used to control the size and direction of liquid flow.
- plate connection structure, the connection size conforms to ISO4401 standard.
- Main spool spring centering
- With integrated proportional amplifier
- Pilot control is a unipolar proportional directional valve.
- The pilot valve is a threaded proportional electromagnet, and the coil can be detached separately.

型号说明 Ordering code



4WEH型电液换向阀
4WEH SOLENOID DIRECTONAL VALVES

方向阀系列
Directional valves



4WEH/16/25/32

4WEH型电液换向阀
4WEH SOLENOID DIRECTONAL VALVES

型号说明 Ordering code

4WEH		10		E	6X		6A
工作压力 28MPa=标记 35MPa=H	通径: 10=10通径 16=16通径 25=25通径 32=32通径	无标记: 主阀弹簧复位或 对中 H: 主阀液压复位或 对中	机能 符号	系列 60-69=6x	先导阀是用两个电磁铁的二位阀,主阀 是液压复位,这时当导阀无复位弹簧=O 无复位弹簧,带定位器=OF (机能前必须注明“H”O或OF不适用Y机能)		先导阀 标准电磁阀=6A 高性能电磁阀=6E
working pressure 28MPa=no code 35MPa=H	size 10=NG10 16=NG16 25=NG25 32=NG32	N0 code= with spring return or centring H=with hydraulic return or valves	spool symbol	Sedes 60-69=6X	when pilot valve is two solenoids two position valve p-lot valve is with hydraulic rest O=without spring return OF=without sprng return with detent.		Pilot control valve standard solenoid vatve=6A high capability solenoid valve=6E
D24				L			
无标记: 不带手动按钮 N: 带手动按钮	无标记=控制油供 排型式外供外排 E=内供外排 ET=内供内排 T=外供内排 (对于液压对 中的三位阀不能适用T、ET形式)	H: DIN43650插头 L: DIN43650带灯插头	无标记=不带预压阀 P0.45=带预压阀 开启压力0.45MPa		无标记: 不带定比减压阀 01: 带定比减压阀 (减压比1 0.66)	无标记= 矿物质液压油 V=磷酸酯液压油	附 加 说 明
NO code: with override N: with override	no code=external pilot, external drain E=internal pilot external droin ET=internal pilot internal drain T=external pilot internal drain (Hydraulic centering 3 position valve not suitfor E & ET)	H: with DiN 43650 connector L: DIN 43650 with lamp	No code=without pre-load valve P0.45=with pre load valve P=0.45Mpa		NO code=Without pressure reducing valve DI=with pressure reducing valve (reducing rote I: 0.66)	No code= m,nerol substane hydraulic oil V=phosphate ester hydraulic oil	notes
DC12 DC24V=直流12V 24V A110 A220=交流110V / 50HZ 220V / 50HZ R110 R220=交流本整110V 220V		是否带插入式阻尼器 无标记=不带 B08=0.8mm B10=1.0mm B12=1.2mm B15=1.5mm		no code=no insert B08=0.8mm B10=1.0mm B12=1.2mm B15=1.5mm			
无标记=没有换向时间调节器 S=有换向时间调节器,进口节流 S2=有换向时间调节器,出口节流							
no code=without switching time adjustment S=switching time adjustment as meter in control S2=switching time adjustment aS mter out control							

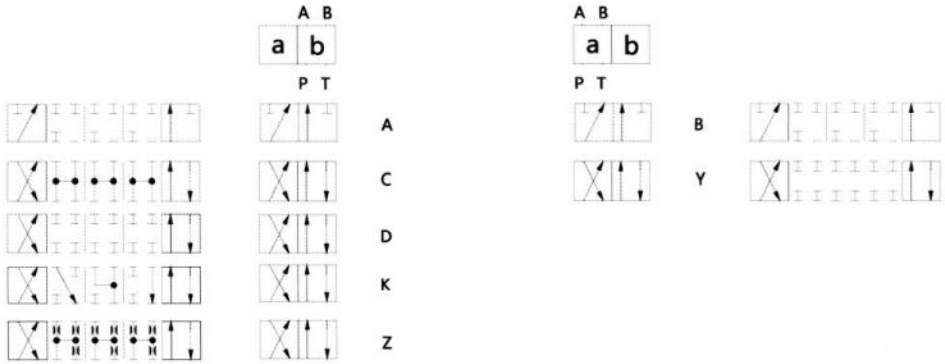
方向阀系列
Directional valves

4WEH型电液换向阀

4WEH SOLENOID DIRECTONAL VALVES 三位换向阀详细符号 Three positional valve Spool symbols

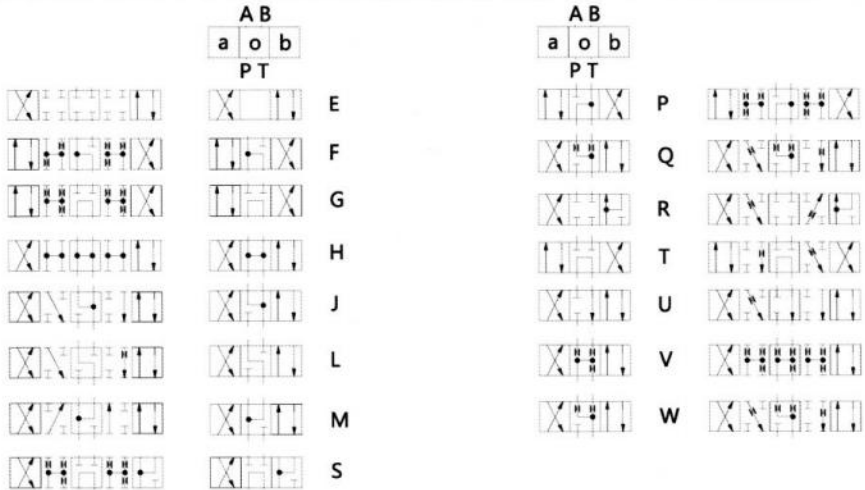
二位换向阀机能符号 2 position valves spool symbols

阀芯 Spool	形式 Form	液压驱动WH Hydraulic dirve WH	电液驱动WH Hydraulic-hydraulic dirve WH	阀芯 Spool	形式 Form	液压驱动WH Hydraulic dirve WH	电液驱动WH Hydraulic dirve WH
A, C, D, K, Z	../..			B, Y	../..		
	..H../..				..H../..		
	..H../O						
	..H../OF						



三位换向阀机能符号 3 position valves spool symbols

阀芯机能 Core spool	方向 Direction	阀芯复位 Yellow core spool	液压驱动WH Hydraulic dirve WH	电液驱动WH Hydraulic-hydraulic dirve WH	方向 Direction	阀芯复位 Yellow core spool	液压驱动WH Hydraulic dirve WH	电液驱动WH Hydraulic-hydraulic dirve WH
E, F, G, H, J, L, M, Q, R, S, T, U, V, W		../..				../..		
		A				HA		
		B				HB		



S型单向阀

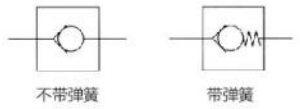
S-TYPE CHECK VALVES

产品特点 Product features

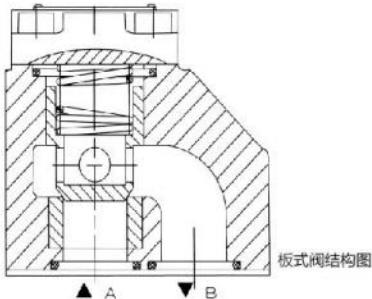
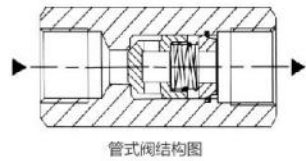
S型单向阀的功能是只允许油液从一个方向自由流动，而不允许反向流动。
S型单向阀为锥阀式结构，压力损失小，有五种开启压力和三种连接方式。
主要用于泵的出口处，作背压阀和旁路阀用

The function of the S-type check valve is to allow oil to flow freely from one direction only, but not the reverse direction.
S-type one-way valve is of cone valve structure, with small pressure loss, five opening pressures and three connection modes.
Mainly used at the outlet of pump, as back pressure valve and bypass valve.

机能符号 Spool symbols



S10/20/30 P1单向阀

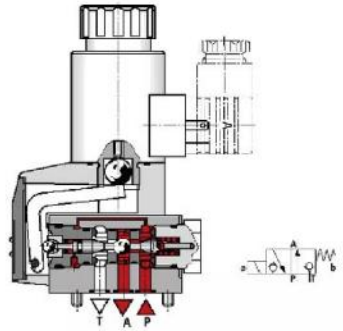


产品特点 Product features

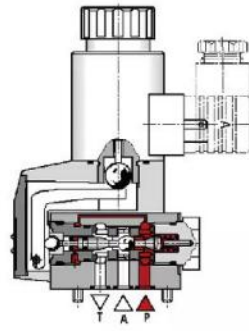
- ①电磁球阀的密封性能好，反应速度快，换向频率高，对工作介质粘度的适应范围广；
- ②没有滑阀所需承受的液压卡紧力，换向和复位所需的力小，可用于高压液压系统；
- ③靠球式阀芯密封换向，抗污染能力强。
- ④目前电磁球阀可供选用的机能少，规格较小。
- ⑤电磁球阀主要应用在高压小流量液压系统中，或在大流量液压系统中作先导控制元件使用。

M-SEW6/10 P/N/U/C 电磁球阀

M-SEW6/10 P/N/U/C ELECTROMAGNETIC BALL VALVES



图一

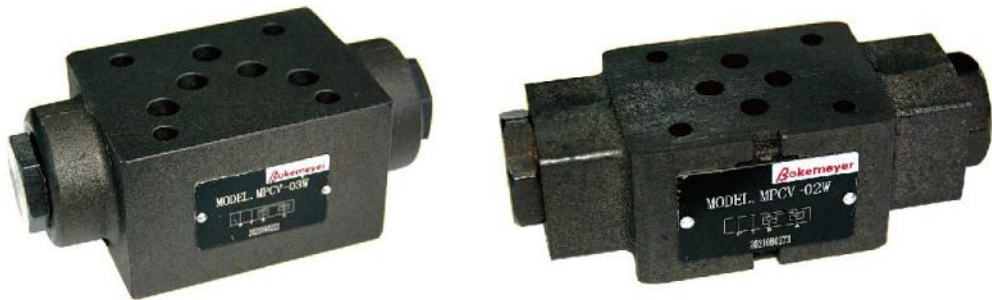


图二

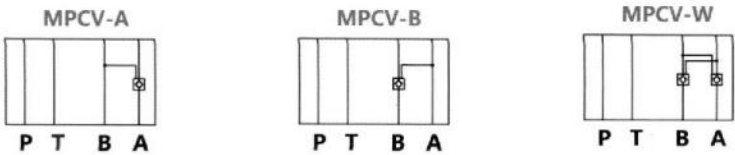
- 图一所示为二位三通电磁球阀的结构原理与符号图。
- ①主要由左、右阀座，阀芯钢球，弹簧，阀芯推杆，电磁铁，操纵推杆，杠杆等组成。
 - ②图示为其常态位，弹簧作用力使钢球压向左阀座，P、A导通，A、T封闭。

图二所示为电磁球阀通电后的结构状态图。
当电磁铁通电时，杠杆推动阀芯压缩弹簧，使钢球压向右阀座，P、A封闭，A、T导通，实现换向。

MPCV系列叠加式液控单向阀
MPCV SERIES MODULAR TYPE HYDRAYLIC CONTROL CH ECK VALVES



机能符号 Spool symbols



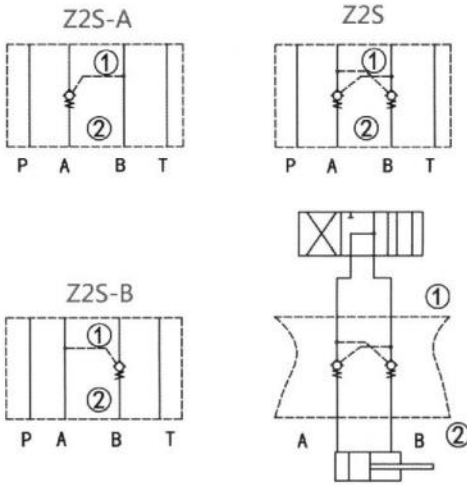
型号说明 Ordering code

MPCV	02	W	20
叠加式 液控单向阀	通径 02=6通径 03=10通径	功能动作孔 A: A孔 B: B孔 W: A&B孔	设计代号
modular hydraulic control check valve	size 02=NG6 03=NG10	function bore A=bore A B=bore B W=A&B bore	design NO.

Z2S叠加式液压控单向阀
Z2S SERIES MODULAR TYPE HYDRAULIC CONTROL CHECK VALVES



机能符号 Spool symbols



回路图

型号说明 Prodcut features

Z2S型单向阀是叠加式液控单向阀，
它可以用于关闭一个或两个工作油
口，无漏油持续时间长，稳定性好。

Z2S check valve is the modular type hydraulic
control check valve,it using to close one or more chamber oil,no leakage, with
good stability.

型号说明 Ordering code

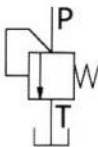
Z2S	10				
叠加式 液控单向阀	通径 6=6通径 10=10通径 16=16通径 22=22通径	无标记=A B两腔有单向阀 A-A腔有单向阀 B-B腔有单向阀	10=10通径系列号 30=16, 20通径系列号 40=6通径系列号 10-19系列内部结构及连接尺寸相同 30-39系列内部结构及连接尺寸相同 40-49系列内部结构及连接尺寸相同	无标记=丁腈橡胶密封 V=氟橡胶密封	更详细的说明
modular hydraulic control check valve	Size 6=NG6 10=NG10 16=NG16 22=NG22	both chomber A ond B has check voive A=chomber A with the check volve B=chomber B with the check volve	10=NG10 30=NG16, 20 40=NG6 10-19 structure and dimension is same 30-39 structure and dimension is same 40-49 structure and dimension is same	No code=NBR Seals V=FKM Seaisls	wrth detail description

压力阀系列
Pressure valves



DBD直动式溢流阀
DBD SERIES DIRECT PRESSURE RELIEF VALVES

机能符号 Spool symbols



DBDS



DBDH

- 3种连接方式
插入式
螺纹连接
板式安装
7种压力级
2、5、5、10、20、31.5、40和63MPa 3种调节形式
带保护罩的调节螺栓
调节手柄
带锁的调节手柄
- 3 type of connection way
Plug-in type
Thread connection
Subplate mounting
7 types pressure level
2.5, 5, 10, 20, 31.5, 40 and 63MPa available 3 adjustment type
Adjusting bolt with protect cover
With handle
Handle with lock

型号说明 Ordering code

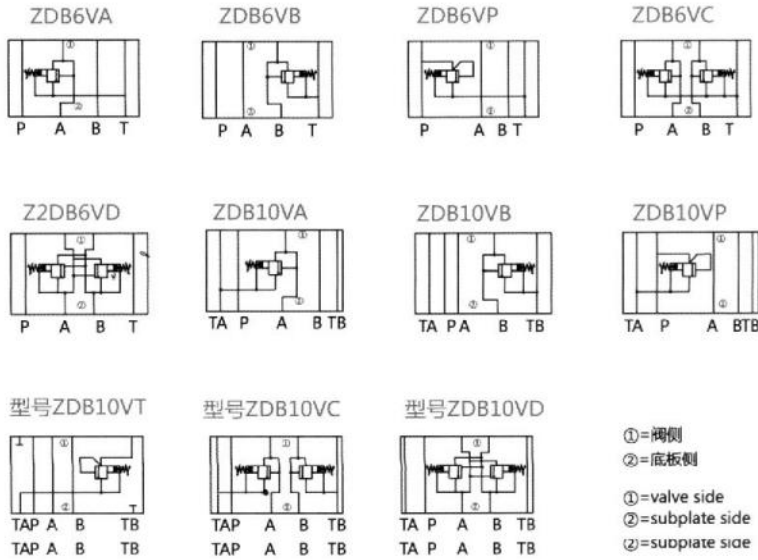
DBD			10	/	/	
直动式溢流阀	带保护罩的调节螺栓=S 调节手柄=H 带锁的调节手柄(至NG10)=A	连接方式 插入式=K 螺纹连接=G 板式安装=P	10=10系列 (10至19系列 安装和连接尺寸 保持不变)	对螺纹连接阀 无标记=英制 2=公制	无标记=丁腈橡胶 V=氟橡胶密封	
Direct pressure reliefvalve	Adjusting bolt with protect cover=S With handle=H Handle with lock=A	Connection mode plug-in type=K thread connection=G subplate mounting=P	10=10series (10~19 series , unchanged installation and connection dimensions)	Thread type No code=british type 2=metric type	No code=NBR Seals V=FKM Seasls	

连接方式 connection way	K	G	P
G1/4 M14*1.5	6	6	6
G3/8 M18*1.5	8	-	-
G1/2 M22*1.5	10	10	10
G3/4 M27*2	15	-	-
G1 M33*2	20	20	20
G1 1/4 M42*2	25	-	-
G1 1/2 M48*2	30	30	30

通径 SIZE	10	6、8、15和20	25和30
压力等级 (压力 可调至...)	2.5=2.5MPa 5=5MPa 10=10MPa 20=20MPa 31.5=31.5MPa 40=40MPa 63=63MPa	2.5=2.5MPa 5=5MPa 10=10MPa 20=20MPa 31.5=31.5MPa 40=40MPa	2.5=2.5MPa 5=5MPa 10=10MPa 20=20MPa 31.5=31.5MPa
pressure degree (pressure canadjust to...)			

ZDB/Z2DB系列叠加式溢流阀
ZDB / Z208 MODULAR TYPE REUEF VALVES

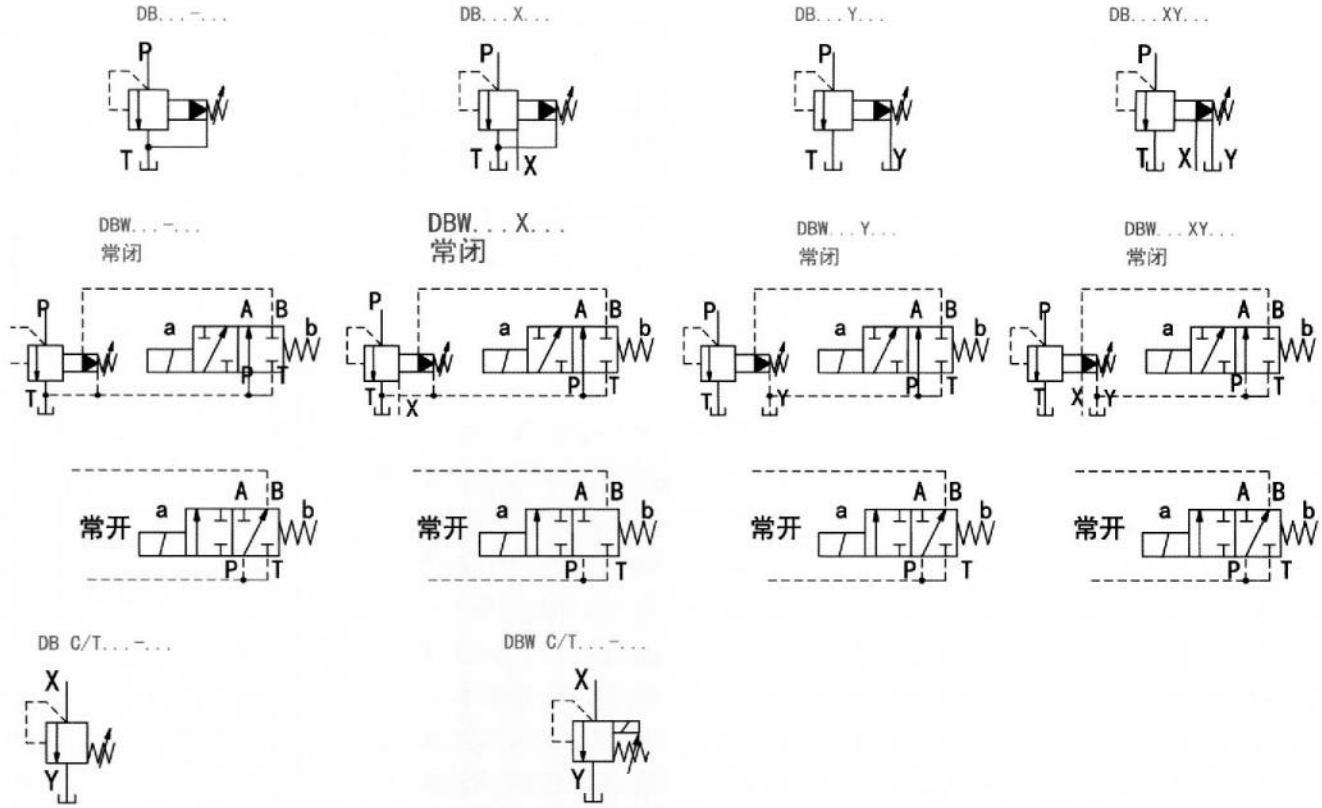
机能符号 Spool symbols



产品特点 Product features

DB / DBW型压力控制阀是先导式溢流阀。它们用于限制 (DB) 或用电磁铁 (DBW) 限制及卸荷系统压力。
The DB / DBW pressure control valve is a pilot overflow valve. They are used to limit (DB) or limit and unload system pressure with electromagnet (DBW)

机能符号 Spool symbols



型号说明 Ordering code

Z	DB	10	L40	/
叠加式=Z	先导式溢流阀=DB	通径: 6=6通径 10=10通径	溢流功能从→至 A→TA P→TA TB1→TA2 仅10通径有 B→TB A→TA和B→TB A→B和B→A	L40=L40系列 (L40至L49系列 安装和连接尺寸 保持不变)
Modular type=	Pilot relief valve D	Size 6=NG6 10=NG10	Relief function from to A→TA P→TA TB1→TA2 ONLY NG 10 available B→TB A→TAandB→TB A→B and B→A	No code=NBR Seals V=FKM Seals
仅适用VC和VD 带2个插入式溢流阀=2			1=旋钮 2=带保护罩的调节螺栓 3=带刻度可锁旋钮 7=带刻度旋钮	5=压力可调整至5MPa 10=压力可调整至10MPa 20=压力可调整至20MPa 31.5=压力可调整至31.5MPa
Just applicable VC and VD with 2 plug in valve			with knob=1 Adjusting bolt with protect cover=2 Locking-knob with scale=3 Knob with scale=7	5=pressure can adjust to 5Mpa 10=pressure can adjust to 10Mpa 20=pressure can adjust to 20Mpa 31.5=pressure can adjust to 31.5Mpa

DB / DBW型先导式溢流阀
DB / DBW TYPE PILOT RELIEF VALVES

型号说明 Ordering code

DB W 10 A 1 5X 10 X D24 L

无电磁阀=无标记
有电磁阀=w
without solenoid=no code
with solenoid=W

先导式溢流阀=无标记
先导阀=C
(无主阀芯插件, 不标通径)
带主阀芯插件先导阀=C
(注明通径10或30)
远程调压阀(不标通径)=T

Pilot control relief valve=no code
Pilot control valve=(without core plug
in C components, \without mark of size)
with core plug in components
pilot control volve=(mark the size NG
10 or NG 30 long distan ce pressureod
just)ment volve(without morki size)=T

通径 size	连接方式 mounting type	
	底板安装 subplate mounting	螺纹连接 thread connction
10	10	10
15		15
20	20	20
25		25
32	30	32

常闭=A Normol closed=A
常开=B Normol open=B

底板安装=无标记 Subplate mounting=no code
螺纹连接=G thread connecting=G

旋钮=1 withknob=1
带护罩的调节螺栓=2 adjustingbolt l with shield=2
需刻度旋钮=7 locked knob with scole=3
带刻度有锁旋钮=3 knob with scole=7

系列50-59=5X series 50-59=5X

附加说明
additional mark

无标记=
矿物质液压油
V=磷酸酯液压油
No code=
mineralol substane
hydraulic oil
V=phosphate ester
hydraulic oil

无记号=英制螺纹
2=公制螺纹
no code=british thread
2=metric thread

R12=电磁阀B口
中节流孔直径1.2mm
R12=solenoid volve
Driftce diometer 1.2mm

H=DIN43650插头
L=DIN43650插头(带灯)
H=with DIN 43650 connecto
L=DIN 43650 connector with lamp

N=电磁阀于动应急
N=monuolly override

D12 D24=直流12V 24V
A110 A220=交流110 / 50HZ 220V / 50HZ
R110 R220=交流本整 110V 220V

D12 024=DCI 2V 24 V
A 110 A220=AC100V/50HZ 220V/50HZ
R110 R220=RAC100V 220V

无标记=无切换时间延迟
S=有切换时间延迟(仅OBW型)
No code=without tronsit time delay
S=with transit time delay(only DBW type)

无标记=控制油内供内排
X=控制油外供内排
Y=控制油内供外排
xy=控制油外供外排
no code=internal supply,intemal drain
X=external supply,intemal drain
Y=internal supply,external drain
XY=ectemal supply,ectemal drain

5=设定压力至5Mpa
10=设定压力至10Mpa
20=设定压力至20Mpa
31.5=设定压力至31.5Mpa
35=设定压力至35Mpa
5=upto5 mpa
10=up to 10 mpa
20=up to 20 mpa
31.5=upto 31.5mpa
35=upto 35 mpa

DBEME型 先导式比例溢流阀
DBEME TYPE PILOT OPERATED PROPORTIONAL RELIEF VALVES

产品特点 Product features



- 用于底板安装
 - 安装面符合DIN24340 E和ISO6264
 - 用于装入油路块安装
 - 4种压力范围
 - 最高压力保护结构（可选）
 - 配套电子放大器 VT-2000型（必须单独订货）
- For floor mounting
- the mounting surface conforms to DIN24340 E and ISO6264.
- Installation for loading oil circuit blocks
- 4 pressure ranges
- Maximum pressure protection structure (optional)
- Matching electronic amplifer VT-2000 (must be ordered separately)

型号说明 Ordering code

DBE M E 10 -7X/ 200 Y G24 K31 A1

无标记：无最高压力限制
M：带最高压力限制

无标记：不带内置放大器
E：带内置放大器

DN10 = 10
DN20 = 20
DN30 = 30

7X = 70~90系列

压力等级	
50	至5MPa
100	至10MPa
200	至20MPa
315	至31.5MPa
350	至35MPa

无代号：用于DBEM
对DBEME型
A1：给定输入值0~10V
F1：给定输入值4至20mA

K4：带DIN 175301-803插座
（用于DBEM）
K31：带DIN EN 175201-804插座
（用于DBEME）

G24 = 直流24V

XY=X口卸荷，先导油外排
Y=先导油外排

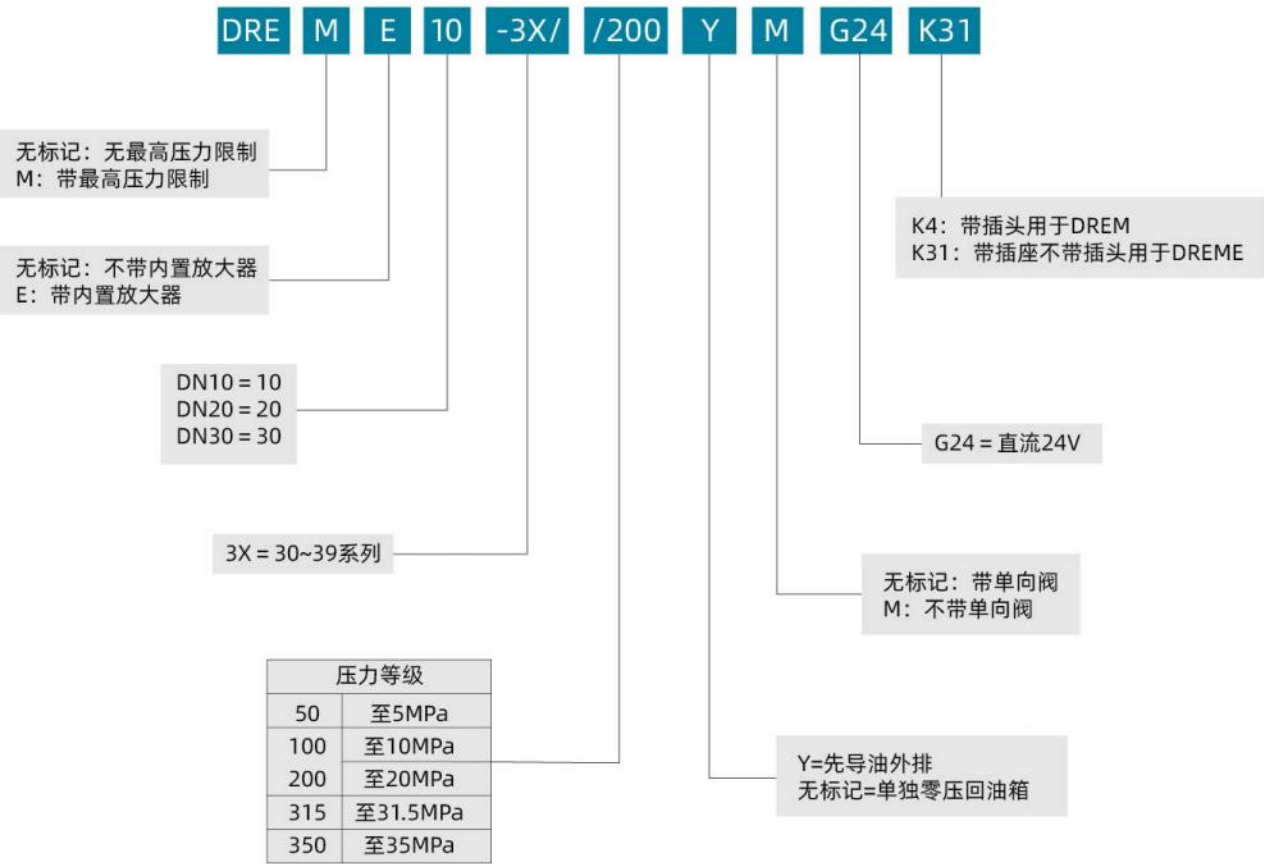
DREME型 比例减压阀
DBEME TYPE PROPORTIONAL REDUCING VALVES



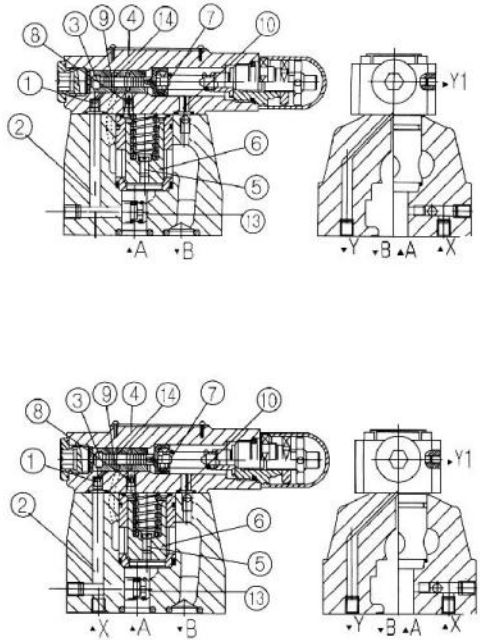
产品特点 Product features

- 用于底板安装
 - 安装面符合DIN24340 D和ISO 5781
 - 用于装入油路块安装
 - 4种压力范围
 - 最高压力保护结构（可选）
 - 配套电子放大器 VT-2000型（必须单独订货）
-
- For floor mounting
 - the mounting surface conforms to DIN24340 D and ISO 5781.
 - Installation for loading oil circuit blocks
 - 4 pressure ranges
 - Maximum pressure protection structure (optional)
 - Matching electronic amplifier VT-2000 (must be ordered separately)

型号说明 Ordering code



DZ 10/20/30型先导式减压阀
DZ 10/20/30 PILOT PRESSURE REDUCING VALVES



产品特点 Product features

- 用作溢流阀、顺序阀或旁通阀
 - 板式连接
 - 插装式连接
 - 选用单向阀
 - 有三种压力调节装置
 - 手柄
 - 带保护罩的内六角调节螺栓
 - 带锁手柄
-
- Used as overflow valve, sequence valve or bypass valve.
 - Plate connection
 - Plug in connection
 - Choose one-way valve
 - There are three pressure regulating devices.
 - hand shan
 - Hexagonal hexagon adjusting bolt with protective cover.
 - Handle with lock.



概述 Summary

DZ ... 30型先导顺序阀的主阀为锥阀式结构，先导阀为滑阀式结构。用来控制执行元件的先后动作顺序，实现液压系统的自动控制。该阀有两种连接形式和四种控制油控制型式。改变控制油控制型式，可得到不同的功用。

DZ ... 30 / 210型：
这种阀的控制油为内供内排型，作背压阀使用，如选用带单向阀可作平衡阀用。
A腔压力经通道(2)和节流孔(1)作用在先导阀(4)内的滑阀(3)上。同时压力油经过节流孔(5)作用在主阀芯(6)的弹簧侧。如果A腔压力超过弹簧(7)的设定值，滑阀(3)向右移动，主阀芯(6)弹簧侧内的压力油经节流孔(8)和控制棱边(14)、通道(9)流到B腔，此时在主阀芯(6)上形成压降，主阀芯开启，于是压力油从A腔流到B腔。先导阀的泄漏油从通道(10)流回B腔。单向阀(13)用来使压力油从B腔自由流回到A腔。

DZ ... 30 / 210X型：
这种阀的控制油为外供内排型，作卸荷阀背压阀使用。如果选用带单向阀可作为平衡阀使用。
该原理与DZ ... 30 / 210型基本相同，不同之处在于控制油是由控制油路(2)从外部弓I入的。

The main valve of DZ ... 30 pilot sequence valve is cone valve type structure, and the pilot valve is slide valve type structure. Used to control the sequential action sequence of the actuator and realize the automatic control of the hydraulic system. The valve has two connection types and four control oil control types. Different functions can be obtained by changing the control type of control oil.

Dz ... type 30/210:
The control oil of this valve is of internal supply and internal discharge type, which is used as a back pressure valve. If one-way valve is selected, it can be used as a balancing valve.
A chamber pressure acts on the slide valve (3) in the pilot valve (4) via the passage (2) and the orifice (1). Meanwhile, the pressure oil acts on the spring side of the main valve core (6) through the orifice (5). If the pressure in chamber A exceeds the set value of the spring (7), the slide valve (3) moves to the right, and the pressure oil in the spring side of the main spool (6) flows to chamber B through the orifice (8), control edge (14) and channel (9). At this time, a pressure drop is formed on the main spool (6), and the main spool opens, so the pressure oil flows from chamber A to chamber B.. The leakage oil from the pilot valve flows back to chamber b from passage (10). Check valve (13) is used to make pressure oil flow freely from chamber b back to chamber a ..

Type dz ... 30/210x:
The control oil of this valve is of external supply and internal discharge type, which is used as the back pressure valve of unloading valve. If one-way valve is selected, it can be used as balancing valve.
This principle is basically the same as DZ ... 30/210 type, but the difference is that the control oil is imported from the external bow l through the control oil circuit (2).

DR 10/20/30型先导式减压阀

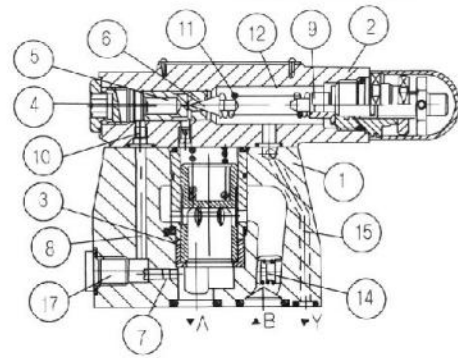
DR 10/20/30 PILOT PRESSURE REDUCING VALVES



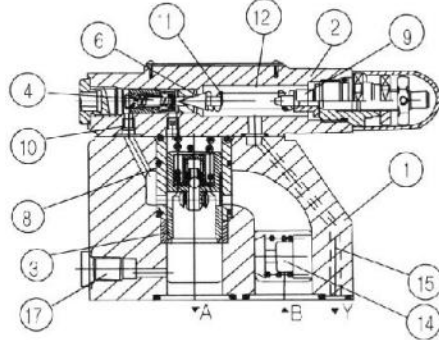
产品特点 Product features

板式连接
管式连接
插装式连接
带或不带单向阀
有三种压力调节形式
手柄
带保护罩的内六角调节螺栓
带锁手柄

Plate connection
Tubular connection
Plug in connection
With or without check valve.
There are three types of pressure adjustment.
hand shan
Hexagonal hexagon adjusting bolt with protective cover.
Handle with lock.



DR10-20-30/...Y ...型减压阀结构图



DR20、30-2-30/...Y ...型减压阀结构图

概述 Summary

DR型减压阀是先导控制的减压阀，用于降低系统中某一回路的压力。
该阀主要由先导阀、主阀和单向阀组成(也可以不带单向阀)，有三种连接方式和三种压力调节型式。

DR10型先导式减压阀：

当出口A无压力时，减压阀是常开的，压力油由B腔流向A腔。同时压力油从A腔通过阻尼孔(2)和(3)、控制通道(4)和(13)流到主阀芯(1)的弹簧端。当A腔压力超过弹簧(5)的调定压力时，主阀(6)开启，主阀芯弹簧端的油经过阻尼孔(3)流到先导阀弹簧腔(7)，此时在主阀芯上形成一个压力差，在此差作用下主阀芯向上移动使开口减小，实现减压以维持A腔压力恒定。

DR20、30型先导式减压阀：

该阀是一种具有安全阀功能的先导减压阀，其工作原理与DR10型基本相同。不同之处在于：一是控制油从B腔经过通道(4)和固定节流器(12)进入先导阀；二是主阀芯中装有过载保护器(10)，当A腔压力达到设定值时，减压口便完全关闭，如查有使封闭的A腔压力增大的外负载时，则A腔压力油经过过载保护器(10)溢流。

DR型先导式减压阀主要用于较大流量的场合。

DR pressure reducing valve is a pilot controlled pressure reducing valve, which is used to reduce the pressure of a certain circuit in the system.
The valve is mainly composed of pilot valve, main valve and one-way valve (or without one-way valve), and has three connection modes and three pressure adjustment types.

DR10 pilot pressure reducing valve:

When there is no pressure at outlet a, the pressure reducing valve is normally open, and the pressure oil flows from chamber b to chamber a. At the same time, the pressure oil flows from the cavity a to the spring end of the main valve core (1) through the damping holes (2) and (3) and the control channels (4) and (13). When the pressure of chamber A exceeds the set pressure of spring (5), the main valve (6) opens, and the oil at the spring end of the main valve core flows to the pilot valve spring chamber (7) through the damping hole (3). At this time, a pressure difference is formed on the main valve core, and under the action of this difference, the main valve core moves upwards to reduce the opening, thus realizing decompression to keep the pressure of chamber A constant.

DR20, 30 pilot pressure reducing valves:

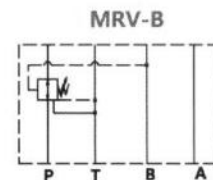
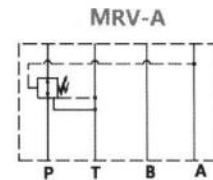
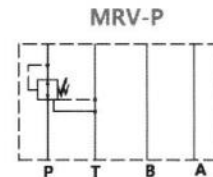
This valve is a pilot pressure reducing valve with safety valve function, and its working principle is basically the same as DR10. The differences are as follows: firstly, the control oil enters the pilot valve from the B chamber through the passage (4) and the fixed throttle (12); Second, an overload protector (10) is installed in the main valve core. When the pressure of cavity A reaches the set value, the pressure relief port is completely closed. If there is an external load that increases the pressure of the closed cavity A, the pressure oil of cavity A overflows through the load protector (10).

DR pilot pressure reducing valve is mainly used for occasions with large flow rate.

MRV系列叠加式溢流阀

MRV SERIES MODULAR PRESSURE RELIEF VALVES

机能符号 Spool symbols



型号说明 Ordering code

MRV	02	P	K	O	20
叠加式溢流阀	通径： 02=6通径 03=10通径	功能动作孔 P:P孔 A:A孔 B:B孔	调整杆形式 空白=未附旋钮(定制) K=附塑料旋钮(标准)	调压范围 0=1.5-35bar 1=8-70bar 2=35-140bar 3=70-250bar	设计代号
modular type pressure relief valve	Size 02=NG6 03=NG10	function bore P=bore P A=bore A B=bore B	Adjustment type black=no knob(customization) K=with plastic knob(standard)	Adjustment scope 0=1.5-35bar 1=8-70bar 2=35-140bar 3=70-250bar	design code

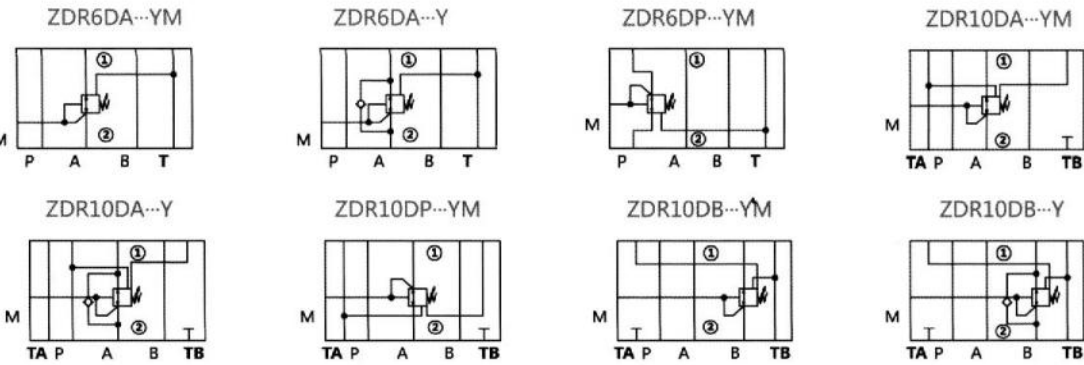
DR/ZDR系列叠加式减压阀
DR/ZDR SERIES MODULAR PRESSURE REDUCING VALVES

产品特点 Prodcut features

- 1. 叠加式结构 1.Modular type
- 2. 安装面符合DIN24340 A型和1504401 2.Mounting surface according to DIN24340 D type AND IS01504401
- 3. 4种压力范围 3.Four type of pressure Scope
- 4. 3种调节形式 4.Three adjustment type
- 5. 旋钮 5.With knob
- 6. 带保护罩的调节螺栓 6.Adjusting bolt With protect cover
- 7. 带锁旋钮 7.with Loeking-kno
- 8. 带压力表接口 8.Can connector pressure gage
- 9. 可选用单向阀 9.Can select check valve



机能符号 Spool symbols



①=阀侧 Valve side
②=底板侧 subplate side

型号说明 Ordering code

Z	DR	6	D	L40 /	Y	
叠加式=Z Modular type=Z	通径 6=6通径 10=10通径 size 6=NG6 10=NG10	直动式=D directape ration=D	旋钮=1 带保护罩 的调节螺栓=2 带锁的旋钮=3 With knab=1 Adjusting bait with protect cover=2 knob with locking=3	40系列 6通径=40 50系列 10通径=50 40 series NG6=40 50 series NG10=5	Y=控制 油内供外排 Y=oil internal supply external drain	无标记=丁晴橡 胶密封 V=氟橡胶密封 No code=NBR Seals V=FKM Seasls
减压阀=DR Reducing valve=DR	油口A2减压=A 油口B2减压(仅10通径有)=B 油口P1减压=P Pressure reducing at chamberA2=A Pressure reducing at chamberB2=B Pressure reducing at chamber P1=P		2.5=最高次级压力2.5MPa 7.5=最高次级压力7.5MPa 15=最高次级压力15MPa 21=最高次级压力21 MPa 2.5=max pressure 2.5Mpa 7.5=max pressure 7.5Mpa 15=max pressure 15Mpa 21=max pressure 21Mpa		无标记=带单向阀 (仅CA和DB10通径有) M=不带单向阀 No code=with check valve (only DA and DB10 available) M=without check valve	

流量阀系列
Flow control valves

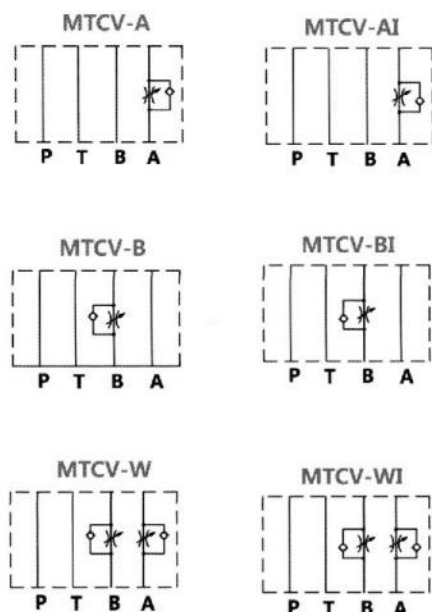


压力阀系列 Directional valves

MTCV型叠加式单向节流阀

MTCV SERIES MODULAR TYPE HYDRAULIC CONTROL CHECK VALVES

机能符号 Spool symbols



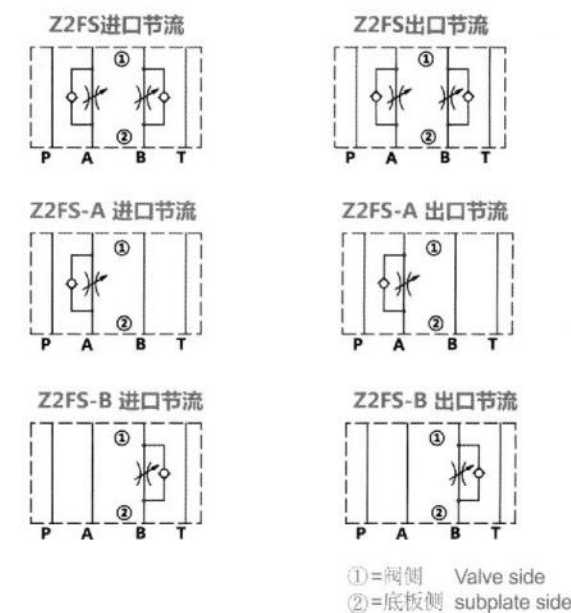
型号说明 Ordering code

MTCV	02	W	K		20
叠加式 单向节流阀	通径: 02=6通径 03=10通径	功能动作孔 P: P孔 A: A孔 W: A&B孔	调整杆形式 空白=米附旋钮(定制) K=附塑料旋钮(标准)	控制方式 空白=出口节流 I=入口节流	设计代号
modular type check valve	Size 02=NG6 03=NG10	function bore P=bore P A=boreA W: A & B bore	Adjustment type blank=no knob(customization) K=with plastic knob(standard)	control type blank=output thrattle I: inputthrattle	design code

Z2FS型叠加式单向节流阀

Z2FS SERIES MODULAR TYPE HYDRAULIC CONTROL CHECK VALVES

机能符号 Spool symbols



Z2FS型叠加式双向节流阀通过改变节流口断面大小来调节油路流量, 实现流量控制。
Z2FS type moular check valve, ly control the through the way to change fracture surface

型号说明 Ordering code

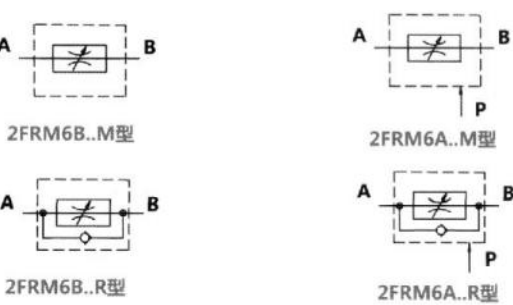
Z2FS	10	3X	/		
叠加式单向节流阀 modular type check valve	通径 6=6通径 10=10通径 16=16通径 22=22通径 size 6=NG6 10=NG10 16=NG16 22=NG22	3X=系列号3X (30-39系列内部结构与连接尺寸相同) 3X=Series 3X 3-39 structure and dimension sarne	无标记=丁晴橡胶密封 V=氟橡胶密封 No code=NBR Seals V=FKM Seasls	附加说明 additional rernark	
	A, B两腔有节流=空自 A腔有节流=A B腔有节流=B chamber A,B with throttle=blank chamber A with throttle=A chamber B withthrottle=B	进口节流=5(6,10通径无此项) 出口节流=52(6,10通径无此项) 注6,10通径阀进口节流和出口节流的变换只要把阀翻转180°即可 Input throttle=5 output throttle=52 change the input and output throttle Only have to rotated the valve 180 degrees			

2FRM6型调速阀
2FRM6 TYPE SPEED CONTROL VALVES

产品特点 Prodcut features

- 1.可外面关闭压力补偿器
 - 2.可设置单向阀
 - 3.用数字指示的调节旋钮
 - 4.阀可以带锁
 - 5.安装尺寸符合DIN24340
- 1.with external switch of pressure compensation
2.could set check valve
3.with scale knob
4.valve could be with lock
5.Installation dimension meets DIN24340

机能符号 Spool symbols



型号说明 Ordering code

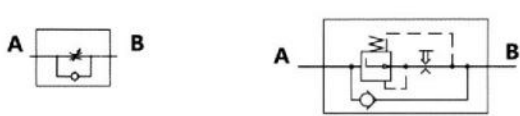
2FRM	6		6	L3X		V	*
2—通流量控制阀	规格6=6	设定装置 可锁的带刻度旋钮=3 带刻度旋钮=7	系列 30至39=L3X (30至39外形互换)	R=带单向阀 M=不带单向阀	附加说明		
Flow control valve	Specification 6=6	Setting device Scale knob can be locked=3 With scale knob=7	Series: 30-39=L3X (30-39: shape interchangeable)	R=with check valve M=without check valve	additional remark		
带压力补偿器外部开关=A(启动时抑制跳动) 不带压力补偿器外部开关=B 不带压力补偿器外部开关=SB(用于板式安装)		刻度零位 对应油口P=6		流量flow (A B) 0.2L/min=0.2Q 0.6L/min=0.6Q 1.2L/min=1.2Q 3L/min=3Q 6L/min=6Q 10L/min=10Q 16L/min=16Q 25L/min=25Q 32L/min=32Q		无标记=丁腈橡胶密封 V=氟橡胶密封	
With external switch of pressure compensation=A (restrain throb when start) Without external switch of pressure compensation=B Without external switch of pressure compensation=SB (used in plate installation)		whert scale is at 0 position, it corresponds to port P=6		No code=NBR Seals V=FKM Seals			

2FRM 10/16/25型调速阀
2FRM 10/16/25 TYPE SPEED CONTROL VALVES

产品特点 Prodcut features

- 1.供选的压力补偿器限位器
 - 2.可避免超调
 - 3.带锁手动旋钮
 - 4.用整流叠加板控制两个方向上的流量
- 1.Fo the choices of pressure compensation limit
2.avoid over shoot
3.lever operated knob with lock
4.use rectifier stack board to control the flow in both direction

机能符号 Spool symbols



型号说明 Ordering code

2FRM5	—	30	/			*
2—通流量控制阀		30系列=30 (30 39=安装连接尺寸 保持不变)	非线性 0.2L/min=0.2Q 0.6L/min=0.6Q 1.2L/min=1.2Q 3L/min=3Q 6L/min=6Q 10L/min=10Q 15L/min=15Q 流动方向 (A→B)	无标志=没有压力 补偿器限位器 B=有压力补偿器 限位器	无标志=HLP矿物油 符合DIN51525 V=磷酸酯	附加说明
Flow control valve		30serie=30 (30 39=unchanged installation, on and connection dimension)	Nontlinearity 0.2L/min=0.2Q 0.6L/min=0.6Q 1.2L/min=1.2Q 3Lmin=3Q 6Lmin=6Q 10L/min=10Q 15L/min=15Q flow direction: (A-B)	Nocode=without pmssure compen sation limit B=with pressure compensation limit	No code=mineral oil HLP meets DIN51525 v=orgonic phosphote	additional remark

单向阀、溢流阀、电液动
CHECK VALVE OVERFLOW VALVE ELECTRO-HYDRAULIC



Check valve

D8D单向阀



Check valve

D6D2/DFY-L32H单向阀



Check valve

K8D2/KDFY-F50H单向阀



Check valve

K7D2/KDFY-F40H单向阀



Relief valve

YFBH-L20H4溢流阀



Electro-hydraulic

4/6/7MF1A-SB电液动

电磁多路阀系列

Electromagnetic multi way valves series



DC-D50分片式电磁多路阀
DC-D50 SPLIT ELECTROMAGNETIC MULTI-WAY VALVES

DC-D50分片式电磁多路阀
DC-D50 SPLIT ELECTROMAGNETIC MULTI-WAY VALVES



概述 Summary

The DC-D50 split-type electromagnetic multi-way valve can be equipped with bypass and hydraulic lock functions, and can incorporate a floating mechanism. This valve features a compact structure, small size, high pressure resistance, excellent performance, reliable operation, and convenient use and maintenance. It is widely used in the hydraulic systems of combine harvesters for corn, wheat, soybeans, peanuts, and other crops, as well as in large tractors. It serves as an ideal replacement for original manual directional control valves.

型号说明 Ordering code

DC-D50 - A1A1A1Y2A1 (16) - 24V

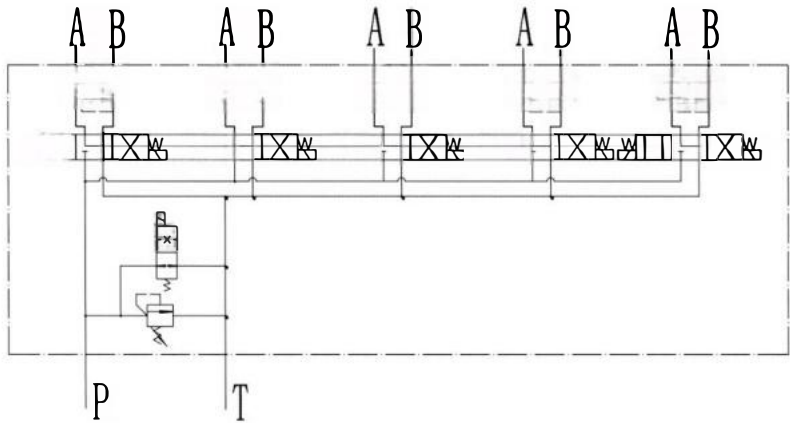
① ② ③ ④ ⑤

- ①电磁多路
- ②流量 Traffic
- ③各路机能符号Various functional symbols
- ④代表出厂调定压力Representative factory-set pressure(MPa)
- ⑤代表24V DC 功率30w
Representing 24VDC, power rating 30W

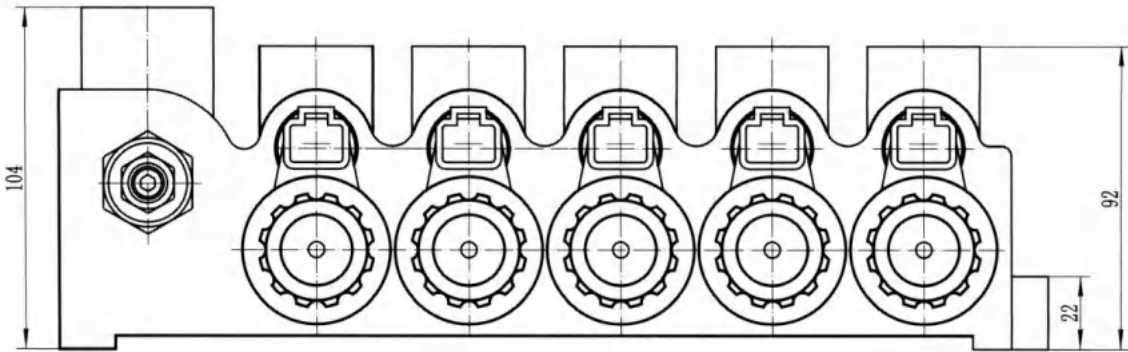
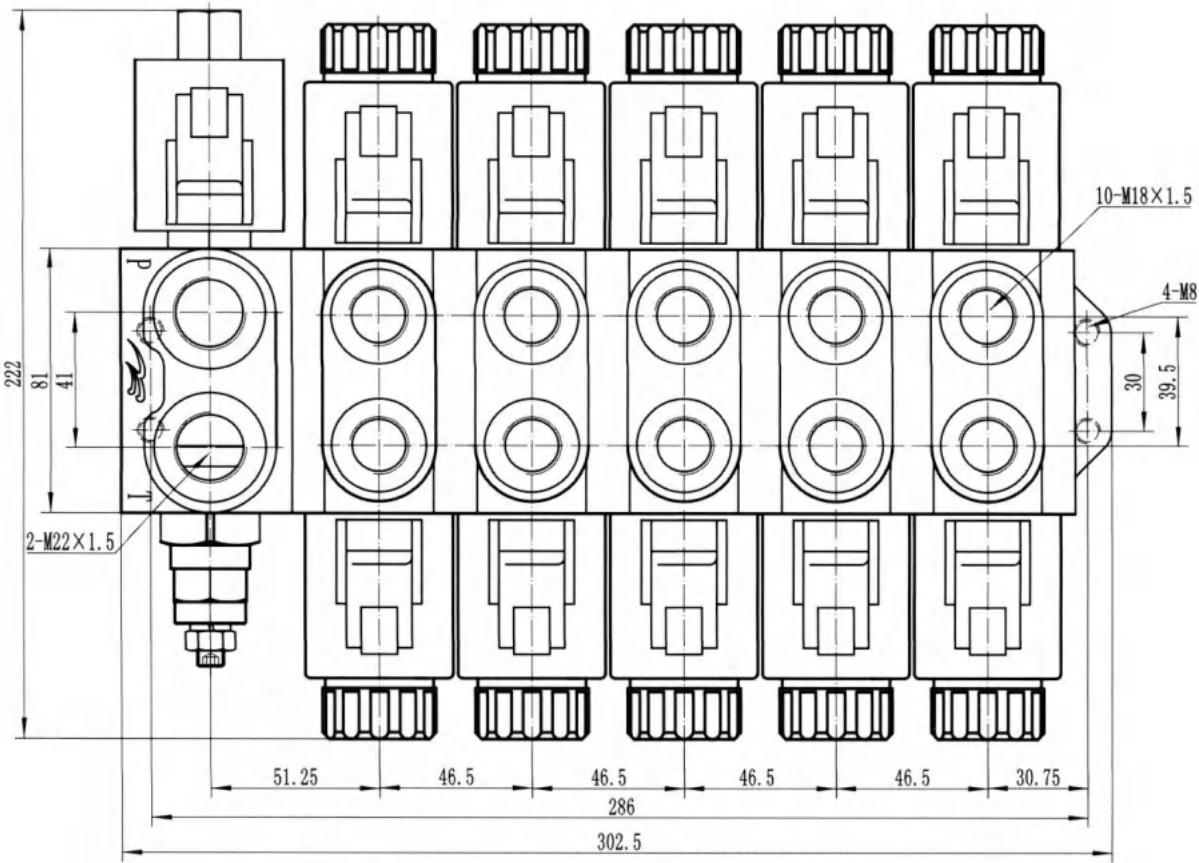
基本性能参数 Basic performance parameters

Table with 2 columns: Parameter and Value. Rows include Nominal Pressure(MPa), Nominal Diameter(mm), Nominal flow rate(L/min), Number of valve connections (n), and Operating Voltage (V).

机能符号 Spool symbols



外形及安装尺寸 Outline and installation dimensions



分片式电磁多路阀系列

分片式电磁多路阀系列

DC-D40分片式电磁多路阀
DC-D40 SPLIT ELECTROMAGNETIC MULTI-WAY VALVES



型号说明 Ordering code

DC-D40 - AO (16) - 24V
① ② ③ ④ ⑤
①Electromagnetic Multiplexing
② Flow Rate
③ Functional Symbols for Each Circuit
④ Represents Factory-Set Pressure (MPa)
5) Represents 24V DC Power 30W

概述 Summary
DC-D40 Split-Type Electromagnetic Multiplex Valve.
This valve features a compact structure, small size, high pressure resistance, excellent performance, reliable operation, and convenient use and maintenance. It is widely used in hydraulic systems for agricultural machinery and construction equipment, serving as an ideal replacement for original manual directional control valves.

基本性能参数 Basic performance parameters

Table with 2 columns: Parameter, Value. Rows include Nominal Pressure (MPa), Nominal Diameter (mm), Nominal Flow Rate (L/min), Number of valve connections (n), and Operating Voltage (V).

DC-D80分片式电磁多路阀
DC-D80 SPLIT ELECTROMAGNETIC MULTI-WAY VALVES



型号说明 Ordering code

DC - D80 - C2O2 (16) - 24V
① ② ③ ⑤
①电磁多路Electromagnetic Multiplexer
②流量Traffic
③各路机能符号Various functional symbols
④代表出厂调定压力(MPa) Representative factory-set pressure (MPa)
5代表24V DC 功率 30wRepresenting 24V DC power at 30W

概述 Summary
The DC-D80 split-type electromagnetic multi-way valve can be equipped with bypass and floating functions. Featuring a compact structure, high pressure resistance, excellent performance, reliable operation, and convenient maintenance, this valve is widely used in the hydraulic systems of combine harvesters for corn, wheat, soybeans, peanuts, and other crops, as well as in large tractors. It serves as an ideal replacement for original manual directional control valves.

基本性能参数 Basic performance parameters

Table with 2 columns: Parameter, Value. Rows include 公称压力 (MPa), 公称通径 (mm), 公称流量 (L / min), 阀体联数 n, and 工作电压 (V).

电磁阀组系列
Electromagnetic combination valves series



4WE6型 电磁阀组
4WE6 SERIES SOLENOID VALVES GROUP

Model	4WE6 Type
Voltage	12V、24V、220V
Specifications	P, T, A, and B ports are all 18*1.5 threaded connections. The pressure gauge connection is 1/4" or 14*1.5 bore.
Flow range	40L
Number of valve assemblies	Groups 1 through 10 can be customized.
Configuration	Optional DB, DBW plate-type relief valves or cartridge relief valves.
	Can be stacked with hydraulic locks, flow control valves, pressure reducing valves, and relief valves.
Scope of Application	Emergency buttons and emergency handles may be added.
	Agricultural machinery, construction machinery, metallurgical machinery, factory equipment, and other fields.



4WE6插装溢流一路阀组
(带锁带表)
4WE6 Cartridge-Type Relief One-Way Valve Assembly (With Lock and Gauge)



4WE10 一路叠加溢流阀组
4WE10 Series Overflow Valve Assembly

4WE10型 电磁阀组
4WE10 SERIES SOLENOID VALVES GROUP

Model	4WE6 Type
Voltage	12V、24V、220V
Specifications	P, T, A, and B ports are all 18*1.5 threaded connections. The pressure gauge connection is 1/4" or 14*1.5 bore.
Flow range	40L
Number of valve assemblies	Groups 1 through 10 can be customized.
Configuration	Optional DB, DBW plate-type relief valves or cartridge relief valves.
	Can be stacked with hydraulic locks, flow control valves, pressure reducing valves, and relief valves.
Scope of Application	Emergency buttons and emergency handles may be added.
	Agricultural machinery, construction machinery, metallurgical machinery, factory equipment, and other fields.



4WE10 两路电磁溢流阀组
4WE10 Dual-Channel Electromagnetic Relief Valve Assembly



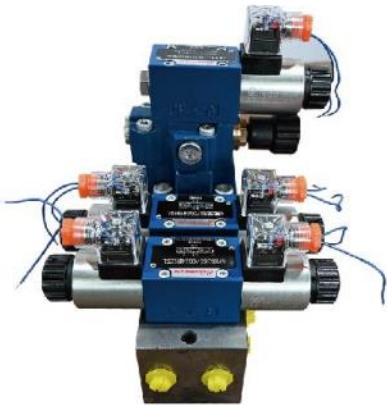
4WE10 两路叠加溢流阀组
4WE10 Dual-Path Overflow Valve Assembly



4WE10 五路电磁溢流阀组
4WE10 Five-Way Electromagnetic Relief Valve Assembly



4WE10 六路叠加溢流阀组
4WE10 Six-Way Overflow Valve Assembly



电磁溢流两路阀组
Electromagnetic Overflow Two-Way Valve Assembly



电磁溢流四路阀组
Electromagnetic Overflow Four-Way Valve Assembly



电磁溢流三路阀组
Electromagnetic Overflow Three-Way Valve Assembly



插装溢流带卸荷五路阀组
Cartridge-Type Relief-Belt Unloading Five-Way Valve Assembly

可根据要求或来图 来样定制各种液压阀组

Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

可根据要求或来图 来样定制各种液压阀组

Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

电磁阀组系列
Electromagnetic combination valve series

电磁阀组系列
Electromagnetic combination valve series

大流量液压阀组
LARGE FLOW HYDRAULIC VALVE GROUP

Model	4WEH16、25、32
Voltage	12V、24V
Specifications	P, T, A, and B ports shall be based on actual dimensions. Pressure gauge connection: 1/4-inch hole.
Flow range	16 flow rate 180L, 25 flow rate 350L, 32 flow rate 850L.
Number of valve assemblies	Groups 1 through 5 are all customizable.
Configuration	Optional DB, DBW plate-type relief valves or cartridge relief valves. Stackable hydraulic lock.
Scope of Application	Agricultural machinery/construction machinery, etc.



4WEH16两路电磁溢流阀组

4WEH16 Dual-Port Electromagnetic Relief Valve Assembly



4WEH25 三路电磁溢流阀组

4WEH25 Three-Way Electromagnetic Relief Valve Assembly



4WEH32 Hydraulic Valve Assembly

4WEH32液压阀组



4WEH16/25一路手动溢流阀组

4WEH16/25 Single-Line Manual Relief Valve Assembly



4WEH25 Dual-Channel Manual Electromagnetic Relief Valve Assembly

4WEH25两路手动电磁溢流阀组

电控与液压阀组
ELECTRONIC CONTROL AND HYDRAULIC VALVE GROUP

Model	4WEH16、25、32
Voltage	12V、24V
Specifications	P, T, A, and B ports shall be based on actual dimensions. Pressure gauge connection: 1/4-inch hole.
Flow range	16 flow rate 180L, 25 flow rate 350L, 32 flow rate 850L.
Number of valve assemblies	Groups 1 through 5 are all customizable.
Configuration	Optional DB, DBW plate-type relief valves or cartridge relief valves. Stackable hydraulic lock.
Scope of Application	Agricultural machinery/construction machinery, etc.



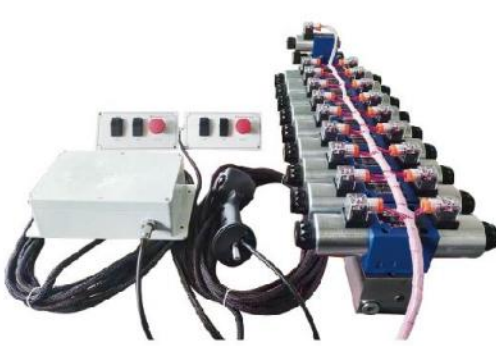
4WE10一路电控阀组

4WE10 Series Electric Control Valve Assembly



4WE10三路电控阀组

4WE10 Three-Way Electrically Controlled Valve Assembly



4WE10 Ten-Way Electrically Controlled Valve Assembly

4WE10十路电控阀组



4WE10二路带锁带节流电控阀组

4WE10 Two-Way Locking Throttle Electric Control Valve Assembly



4WE10 Six-Way Electrically Controlled Valve Assembly

4WE10六路电控阀组

可根据要求或来图 来样定制各种液压阀组

Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

可根据要求或来图 来样定制各种液压阀组

Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

电磁阀组系列
Electromagnetic combination valve series

电磁阀组系列
Electromagnetic combination valve series

电控与带浮动液压阀组
ELECTRONIC CONTROL AND HYDRAULIC VALVE GROUP WITH FLOATING

Model	4WE10
Voltage	12V、24V
Specifications	P, T, A, and B ports are all 22*1.5 threaded connections. The pressure gauge connection is 1/4" or 14*1.5 bore.
Flow range	80L
Number of valve assemblies	Groups 1 through 5 can be customized.
Configuration	Optional DB, DBW plate-type relief valves or cartridge relief valves.
	Can be stacked with hydraulic locks, flow control valves, pressure reducing valves, and relief valves.
Scope of Application	Emergency buttons and emergency handles may be added.
	For harvesters/tractors/silage harvesters.



手柄+数显带浮动电控阀组
Handle + Digital Display with Floating Electro-hydraulic Valve Assembly



一路带浮动电控阀组
Floating-type Electric Control Valve Assembly



二路带浮动电控阀组
Two-way Floating-Type Electrically Controlled Valve Assembly



三路带浮动电控阀组
Three-way floating-type electrically controlled valve assembly



二路带节流带浮动电控阀组
Two-way throttle valve assembly with floating electronic control

插装组合阀组
CARTRIDGE COMBINED VALVES



铁路专用阀组
Railway-Specific Valve Assembly



六/十通开关阀
Six/Ten-Way Switch Valve



电动止回阀
Electric Check Valve



改装夹木器卷扬机六通阀
Modified Log Grapple Winch Six-Way Valve



定制农机阀
Railway-Specific Valve Assembly



定制农机阀
Railway-Specific Valve Assembly

可根据要求或来图 来样定制各种液压阀组
Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

异型液压阀组
SPECIAL HYDRAULIC VALVE GROUP



4WE6系列高压过滤器
4WE6 Series High-Voltage Filter Stack



4WE6两组带高压过滤器
4WE6 Two Sets with High-Pressure Filters



4WE10两组带蓄能器
4WE10 Two Sets with Accumulators

可根据要求或来图 来样定制各种液压阀组

Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

可根据要求或来图 来样定制各种液压阀组

Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

电磁阀组系列
Electromagnetic combination valve series

电磁阀组系列
Electromagnetic combination valve series

专用液压阀组
SPECIAL HYDRAULIC VALVE GROUP

专用液压阀组
SPECIAL HYDRAULIC VALVE GROUP



打药机专用阀组

Specialized Valve Assembly for Sprayers



打药机专用阀组

Specialized Valve Assembly for Sprayers



打药机专用阀组

Specialized Valve Assembly for Sprayers



液压卷扬机专用阀组

Hydraulic Winch Dedicated Valve Assembly



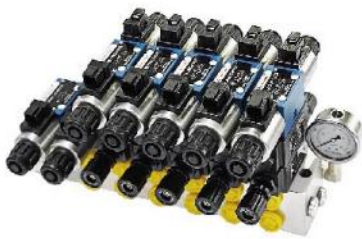
卸粮筒专用阀组

Grain Unloading Chute Dedicated Valve Assembly



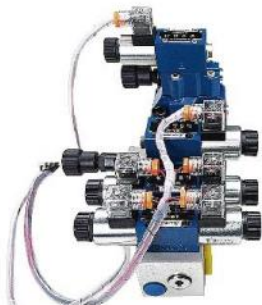
农机专用阀组

Agricultural Machinery Dedicated Valve Assembly



Silage Harvester Dedicated Valve Assembly

青贮机专用阀组



Snow Blower Dedicated Valve Assembly

扫雪机专用阀组



Snow Blower Dedicated Valve Assembly

扫雪机专用阀组



Paddy Field Leveler Valve Assembly

水田平地机阀组



Laser Grader Valve Assembly

激光平地机阀组



Custom Agricultural Machinery Valve Assembly

定制农机阀组



Harvester-Specific Valve Assembly

收割机专用阀组



Valve Assembly for Micro-Tillers

微耕机专用阀组



Micro-tiller with ultrasonic distance sensor valve assembly

微耕机带超声波测距仪阀组



Baler-Specific Valve Assembly

打捆机专用阀组



Shovel Loader Valve Assembly (High Flow)

铲运机阀组（大流量）



Winding Machine Valve Assembly

缠网机阀组

可根据要求或来图 来样定制各种液压阀组

Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

可根据要求或来图 来样定制各种液压阀组

Custom hydraulic valve assemblies can be manufactured according to specifications, drawings, or samples provided.

电磁阀组系列
Electromagnetic combination valve series

电磁阀组系列
Electromagnetic combination valve series

液压附件
 HYDRAULIC ACCESSORIES

液压附件
 HYDRAULIC ACCESSORIES



DRVP管式节流阀

DRVP Tube Throttle Valve



DVP板式节流阀

4WEH16 Dual-Port Electromagnetic Relief Valve Assembly



家用别墅电梯组合阀

Residential Villa Elevator Combination Valve



升降平台组合阀

Lifting Platform Combination Valve



升降平台组合阀

Lifting Platform Combination Valve



MK/MG管式节流阀

MK/MG Tube-Type Throttle Valve



压力继电器

Pressure Relay



DIF直通单向阀

DIF Straight-Through Check Valve



控制面板

Control Panel



限位开关

Limit Switch



翼子板开关

Fender Switch



液压锁

Hydraulic lock



叠加式流量阀

Overlay Flow Valve



叠加式浮动阀

Stacked Float Valve



板式、管式、叠加式25、40、63、100、160高压过滤器

Plate-type, tube-type, and stacked-type 25, 40, 63, 100, 160 high-pressure filters

液压附件
 Hydraulic accessories

液压附件
 Hydraulic accessories