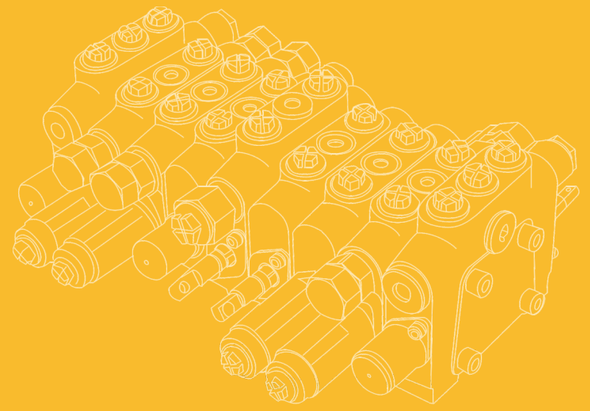


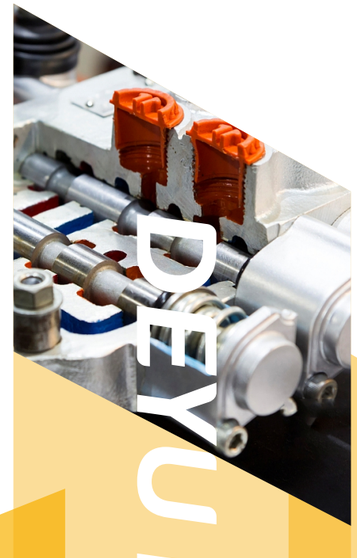
德宇液压，驱动未来之力。

Deyu Hydraulics, Powering the Future.


淮安德宇液压机械有限公司
HUAIAN DEYU HYDRAULIC MACHINERY CO., LTD.

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淮安德宇液压
HUAIAN DEYU HYDRAULIC



DEYU HYDRAULIC

# PRODUCT PROMOTION MANUAL 产品画册

# 德宇·液压

创新液压科技，赋能未来智造。

德宇液压，为卓越装备注入核心动力。

Innovating Hydraulic Technology,
Empowering Smart Manufacturing for the Future.
Deyu Hydraulics, Powering Excellence.




淮安德宇液压机械有限公司，位于淮安市涟水县保滩街道周集工业园区南环路6号，是液压件专业生产厂家，主要产品有多路换向阀、手动换向阀、电磁换向阀、液压锁平衡阀等液压元件。广泛用于拖拉机、小型挖掘机、玉米收割机、钻机、滑移装载机、压缩垃圾车以及随车吊等机械行业。产品随主机厂出口到多个国家和地区，深受广大客户的信赖。

Huaian Deyu Hydraulic Machinery Co., Ltd., located at No. 6 South Ring Road, Zhouji Industrial Park, Baotan Street, Lianshui County, Huaian City, is a professional hydraulic component manufacturer. Main products include multi-directional control valves, manual directional control valves, solenoid directional control valves, hydraulic lock and balance valves, and other hydraulic components. Widely used in tractors, compact excavators, corn harvesters, drilling rigs, skid steer loaders, garbage compactors, and truck-mounted cranes. Products are exported with host manufacturers to multiple countries and regions, deeply trusted by customers.



公司秉承质量是企业生命，客户是企业生命源泉的理念，内抓质量，外抓客服，以优质的产品，贴心的服务，赢得新老客户光临惠顾。以严格的管理，过硬的技术力量为客户提供质量可靠的产品和解决方案，并以好的作风和服务态度赢得广大的新老用户的信赖。公司追求质量，追求创新，追求卓越，同心协力，共创企业永续经营。

The company upholds the philosophy that quality is its life and customers are the source of its life. It focuses internally on quality and externally on customer service, attracting both new and returning clients with superior products and attentive service. Through strict management and strong technical capabilities, it provides customers with reliable products and solutions, earning the trust of a broad base of new and existing users with excellent conduct and service attitude. The company pursues quality, innovation, and excellence, working together to achieve sustainable business operations.

## DY6系列 DY6 Series

1.公称通径 Nominal Diameter: 6mm
2.流量 Flow rate: 50L/min
3.压力 Pressure: 16–35Mpa
4.螺纹接口 Thread interface: ABP=G3/8、T=G1/2
5.用于各种挖掘机和钻机等工程机械。
Used in various excavators, drilling rigs, and other engineering machinery.
6.可做复位，定位，液控等功能。
Can perform reset, positioning, and hydraulic control functions.





## CDB15系列 CDB15 Series

1.公称通径 Nominal Diameter: 15mm
2.流量 Flow rate: 65L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: AB=M20*1.5、 PT=M22*1.5
5.用于钻机，小型挖掘机，扒渣机等工程机械。
Used in drilling rigs, compact excavators, slag scraper machines, and other engineering machinery.





## M45系列 M45 Series

1.公称通径 Nominal Diameter: 10mm
2.流量 Flow rate: 45L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: ABPT=G3/8
5.用于滑移机，小型装载机等液压系统中。
Used in hydraulic systems such as sliding machines and small loaders.










## P40系列 P40 Series

1.公称通径 Nominal Diameter: 10mm
2.流量 Flow rate: 40L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: ABPT=G1/2、G3/8 等
5.此系列常年出口各个国家，用于小型拖拉机液压系统中。
This series is exported to various countries year–round and is used in the hydraulic system of small tractors.






## P80系列 P80 Series

1.公称通径 Nominal Diameter:18mm
2.流量 Flow rate: 80L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: ABP=G1/2、T=G3/4
5.此系列常年出口各个国家，用于小型拖拉机液压系统中。
This series is exported to various countries year–round and is used in the hydraulic system of small tractors.






## P120系列 P120 Series

1.公称通径 Nominal Diameter: 22mm
2.流量 Flow rate: 120L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: ABP=G3/4、T=G1
5.整体式高压多路阀，最大可做四联。
Integral high–pressure multi way valve, capable of making up to four connections.





## SD5系列 SD5 Series

1.具有1–6联多路阀 Monoblock types with 1–6 working sections
2.流量 Flow rate：45 L/min
3.压力 Pressure: 20–31.5Mpa
4.螺纹接口 Thread interface: G3/8、3/4–16(SAE8)、9/16–18(SAE6)、M18*1.5
5.操纵杆控制 Lever side control options：手动、气动控制、电气控制、液动控制、电液控制等。
Lever side control options: manual, pneumatic control, electric and pneumatic control, hydraulic and electric control, hydraulic control and remote control.






## SD8系列 SD8 Series

1.流量 Flow rate: 90 L/min, 最大压力 Max pressure 31.5 Mpa.
2.定位方式 Positioning returning modes：T（弹簧复位 Spring return）、W（钢球定位 Detent control）
3.螺纹接口 Thread interface: G1/2、G3/4、 7/8–14UNF(SAE10)、3/4–16UNF(SAE8)
4.连接端口 Joining port：L（螺纹连接 screw connection）
5.操纵杆控制 Lever side control options：手动、气动控制、电气控制、液动控制、电液控制等。
Lever side control options: manual, pneumatic control, electric and pneumatic control, hydraulic and electric control, hydraulic control and remote control.






## SD11系列 SD11 Series

1.具有1–6联多路阀 Monoblock types with 1–6 working sections
2.流量 Flow rate: 80 L/min
3.压力 Pressure: 20–31.5Mpa
4.直径20mm–0.79，可互换线轴 Diameter 20mm–0.79 in interchangeable spools.
5.配有一个主卸压阀和一个负载单向阀 Fitted with a main pressure relief valve and a load check valve.
6.提供手动、气动、液控、电液控、软轴拉线等。
Available manual, pneumatic, hydraulic, electro–hydraulic and remote with flexible cables spoolcontrol kits.










## SD14系列 SD14 Series

1.流量 Flow rate: 160 L/min
2.压力 Pressure: 20–31.5Mpa
3.配有一个主减压阀 Fitted with a main pressure relief valve
4.螺纹接口 Thread interface: G3/4
5.直径20mm–0.79，可互换线轴Diameter 20 mm – 0.79 in interchangeable spools
6.连接端口:L(螺纹连接) Joining port: L(screw connection)
7.弹簧侧控制选项：弹簧控制和棘爪控制 Spring side control options: spring control and detent control
8.提供手动、气动、电液和带有柔性电缆线轴控制套件的远程控制。
Available manual, pneumatic, electro–hydraulic and remote with flexible cable spool control kits.





## SD25系列 SD25 Series

1.公称通径 Nominal Diameter: 25mm
2.流量 Flow rate: 240 L/min
3.压力 Pressure: 16–31.5Mpa
4.阀杆机能 Spool Function: O、A、Y
5.定位方式 Positioning returning modes：T（弹簧复位 Spring return）、W（钢球定位 Detent control）
6.提供并联或串联回路。Available with parallel or series circuit.
7.直径25mm(0.98英寸)的可互换线轴 Diameter 25mm (0.98 in) interchangeable spools.
8.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。
Available manual, pneumatic, hydraulic, electro––hydraulic, and remote with flexible cables spool control kits.





## SD180系列 SD180 Series

1.流量 Flow rate: 160 L/min
2.压力 Pressure: 16–31.5Mpa
3.连接端口:L(螺纹连接) Joining port: L(screw connection).
4.阀杆机能 Spool Function: O, P, Y, A
5.螺纹接口 Thread interface:G3/4、G1、G1 1/4、15/16–12(SAE16)、11/16–12(SAE12)
6.定位方式 Positioning returning modes：T（弹簧复位 Spring return）、W（钢球定位 Detent control）
7.提供并联或串联回路。Available with parallel or series circuit.
8.直径20mm(0.79英寸)的可互换线轴 Diameter 20 mm (0.79in) interchangeable spools.
9.可提供手动、气动、电动液压、比例液压、滑阀控制套件
Available manual, pneumatic, electrohydraulic, proportional hydraulic, spool control kits.





## PC100系列 PD100 Series

1.公称通径 Nominal Diameter: 20mm
2.流量 Flow rate: 100L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: ABPT=G3/4
5.用于高端工程机械的改装，可以气控、电液控等功能。
Used for the modification of high–end construction machinery, with functions such as pneumatic control, electro–hydraulic control, etc.






## RD5200系列 RD5200 Series

1.公称通径 Nominal Diameter: 20mm
2.流量 Flow rate: 100L/min
3.压力 Pressure: 20–31.5Mpa
4.连接端口 Joining port: L(螺纹连接screw connection).
5.阀杆机能 Spool Function: O, P, Y, A.
6.定位方式 Positioning returning modes：T ( 弹簧复位 Spring return ) 、W ( 钢球定位 Detent control )
7.螺纹接口 Thread interface: G3/4、G1、SAE12等.
8.每个柱塞的通用或单独的背压阀，带或不带安全阀。
Common or individual back valve for each plunger, with or without safety valve.




## DCV20/45/60/100/140/200系列 DCV20/45/60/100/140/200 Series

1.分片结构1–10联任意组合 Sectional types with 1 to 10 working sections.
2.DCV60系列流量 Flow rate: 60 L/min，压力 Pressure: 20–31.5Mpa
3.DCV100系列流量 Flow rate: 100 L/min，压力 Pressure: 20–31.5Mpa
4.DCV140系列流量 Flow rate: 140 L/min，压力 Pressure: 20–31.5Mpa
5.滑阀功能 Spool function options: O, P, Y, A
6.螺纹接口 Thread interface: G3/8、G1/2、G3/4
7.操纵杆控制 Lever side control：手动、气动控制、电气控制、液动控制、电液控制等。
Manual, pneumatic control, solenoid and pneumatic control. hydraulic and solenoid control, hydraulic control and remote control.











## ZT12系列 ZT12 Series

1.公称通径 Nominal Diameter: 12mm
2.流量 Flow rate: 50L/min
3.阀芯功能 Valve core function：O、P、Y、A
4.压力 Pressure: 16–31.5Mpa
5.螺纹接口 Thread interface: M18*1.5
6.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。
The valve is widely used in the hydraulic system of forklift environment vehicle and light loading machines.







## ZT20系列 ZT20 Series

1.公称通径 Nominal Diameter: 20mm
2.流量 Flow rate: 90 L/min
3.压力 Pressure: 20–31.5 Mpa
4.阀杆机能 Spool Function: O, Y , P, A.
5.螺纹接口 Thread interface: ABPT=M22*1.5、M27*2、G3/4
6.阀体结构 Valve construction: 整体结构，1–5联任意组合 monoblock. construction, 1–5 levers.
7.油路形式 Oil way: 并联油路，带压力输出口 Parallel circuit, with power beyond.
8.控制方式 Control Way: 提供手动、气动、液压与电动控制方式
Manual control, pneumatic control, hydraulic and electric control for optional.





## ZD15系列 ZD15 Series

1.公称通径 Nominal Diameter:12mm
2.流量 Flow rate: 63L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: ABPT=M18*1.5、M22*1.5、 3/4–16UNF
5.用于装载机，以及其它工程机械。
Used for loaders and other construction machinery.






## ZDa15系列 ZDa15 Series

1.公称通径 Nominal Diameter: 15mm
2.流量 Flow rate: 60L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: ABPT=M18*1.5, 或者 or ABPT=G1/2
5.最大工作联数为十联。
The maximum number of working copies is ten.






## ZD102系列 ZD102 Series

1.公称通径 Nominal Diameter: 10mm
2.流量 Flow rate: 40L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: M18*1.5、 G3/8
5.用于小马力拖拉机及小型工程机械。
Used in low–horsepower tractors and small engineering machinery.





## BDL40系列 BDL40 Series

1.公称通径 Nominal Diameter: 10mm
2.流量 Flow rate: 40L/min
3.压力 Pressure: 16–25Mpa
4.螺纹接口 Thread interface: ABPT=M18*1.5、 G3/8
5.用于小型农业机械，以及劈柴机，液压站等液压系统。
Used for small agricultural machinery, as well as hydraulic systems such as chopping machines and hydraulic stations.









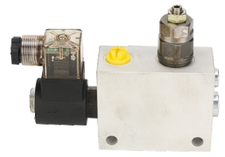
## 流量控制阀 Flow Control Valve

1.公称通径 Nominal Diameter: 10mm、15mm、20mm
2.额定流量 Rated flow rate: 40 / 65 / 100 L/min
3.最大压力 Maximum pressure：31.5Mpa
4.流量调节范围 Flow regulation range：0–110 L/min
5.螺纹接口 Threaded interface：M18*1.5、G1/2、M27*2 或 or G3/4
6.用于控制油缸或者马达转速的快慢，用于液压系统中的流量控制。
Used to control the speed of oil cylinders or motors, used for flow control in hydraulic systems.




## SDV10系列 SDV10 Series

1.公称通径 Nominal Diameter: 10mm
2.流量 Flow rate: 25L/min
3.压力 Pressure: 25Mpa
4.螺纹接口 Thread interface: PAT=G1/4
5.用于各种工程液压控制系统。
Used in various engineering hydraulic control systems.




## SVV90系列 SVV90 Series

1.流量 Flow rate: 80L/min
2.压力 Pressure: 16–31.5Mpa
3.螺纹接口 Thread interface: G3/8、G1/2
4.用于各种工程机械切换油路。
Used for oil circuit switching in various engineering machinery.




## ZFS10系列 ZFS10 Series

1.公称通径 Nominal Diameter: 10mm
2.流量 Flow rate: 40L/min
3.压力 Pressure: 31.5Mpa
4.螺纹接口 Thread interface: ABCD=G1/4
5.用于挖掘机、装载机等操作系统切换。
Used for operating system switching in excavators, loaders, etc.




## DLS–L8系列 DLS–L8 Series

1.公称通径 Nominal Diameter: 10mm
2.流量 Flow rate: 40L/min
3.压力 Pressure: 16–25Mpa
4.螺纹接口 Thread interface: PT=M22*1.5、AB=M18*1.5
5.用于玉米收割机，侧翻车以及小马力拖拉机液压系统。
Used for the hydraulic system of corn harvesters, side dump trucks, and small horsepower tractors.





## DF50系列 DF50 Series

1.公称通径 Nominal Diameter: 12mm
2.流量 Flow rate: 50L/min
3.压力 Pressure: 16–25Mpa
4.螺纹接口 Thread interface: PT=M22*1.5、AB=M18*1.5
5.用于中小型拖拉机液压系统，带浮动功能。
Used for the hydraulic system of small and medium–sized tractors, with floating function.









## DF80系列 DF80 Series

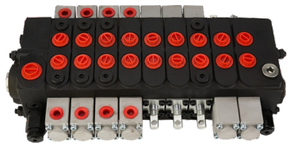
1.公称通径 Nominal Diameter: 20mm
2.流量 Flow rate: 100L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: P=M24*1.5、T=M27*1.5、AB=M22*1.5
5.用于大马力拖拉机液压系统中，可做浮动功能。
Used in the hydraulic system of high–power tractors, it can perform a floating function.





## TRD 补偿阀系列 TRD Compensation Valve Series

1.公称通径 Nominal Diameter: 10mm
2.流量 Flow rate: 80L/min
3.压力 Pressure: 16–25Mpa
4.螺纹接口 Thread interface: ABP=G3/8、T=G1/2
5.用于各种挖掘机、装载机、农机等液压机械。
Used in various excavators, loaders, agricultural machinery, and other hydraulic machinery.
6.可做复位、定位、液控等功能。 Can perform reset, positioning, and hydraulic control functions.




## DL15/20系列 DL15/20 Series

1.公称通径 Nominal Diameter: 15–20mm
2.流量 Flow rate: 65–100L/min
3.压力 Pressure: 16–31.5Mpa
4.螺纹接口 Thread interface: DL15=M22*1.5、DL20=M27*2
5.用于打桩机、垃圾压缩车以及各种工程车辆。
Used for pile drivers, garbage compactors and various engineering vehicles.






## ZS10/20/25系列 ZS10/20/25 Series

1.公称通径 Nominal Diameter: 10–25mm
2.流量 Flow rate: 40–160L/min
3.压力 Pressure: 16–25Mpa
4.螺纹接口 Thread interface:ZS10=M18*1.5、ZS20=M27*2、ZS25=M33*2
5.用于老式叉车、打桩机以及各种油压机。
Used for old–fashioned forklifts, pile drivers and various hydraulic presses.





## 液压锁 Hydraulic Lock

1.公称通径 Nominal Diameter: 6mm、8mm、10mm、15mm、20mm
2.额定流量 Rated flow rate: 25 / 30 / 40 / 65 / 100 L/min
3.最大压力 Maximum pressure：31.5Mpa
4.用于液压支腿，升降油缸中，起到保压作用。
Used in hydraulic support legs and lifting oil cylinders to maintain pressure.






## 平衡阀 Balance Valve

1.公称通径 Nominal Diameter: 6mm、8mm、10mm、15mm
2.额定流量 Rated flow rate: 25 / 30 / 40 / 65 L/min
3.最大压力 Maximum pressure：31.5Mpa
4.用于液压支腿，升降油缸中，起到保压平衡油缸作用。
Used in hydraulic support legs and lifting oil cylinders to maintain pressure and balance the oil cylinder.









## 手动换向阀 Manual directional control valve

1.公称通径 Nominal Diameter: 10mm、20mm、32mm
2.最大压力 Maximum pressure: 31.5Mpa
3.滑阀机能 Valve core function： O、H、Y、M、K、P、J、X、C、N、Z
4.连接方式 Connection mode： 螺纹连接 Threaded connection=L, 板式连接 Plate connection=B
5.定位方式 Positioning returning modes： T–弹簧复位 Spring return, W–钢球定位 Ball Locking




## 溢流阀 Overflow Valve

1.公称通径 Nominal Diameter: 8mm、10mm、20mm、32mm、50mm
2.最大压力 Maximum pressure: 31.5Mpa
3.公称流量Nominal flow: 40L/min、100L/min、200L/min、500L/min
4.连接方式 Connection mode: 螺纹连接 Threaded connection=L, 板式连接 Plate connection=B,
法兰连接 Flange connection=F
5.压力调节范围 Pressure regulation range(MPA):1=0.6 ~ 8, 2=4 ~ 16, 3=8 ~ 20, 4=16 ~ 31.5






备注： 1、如有特殊订货，请与工程技术部联系。
Remarks: If you have a special order, please contact the Engineering Department.
2、可以根据客户的要求更改定做。
Note: Customized can be changed according to customer requirements.