

Product Manual

多路换向阀 Multiple Directional Valve

DCV / P / SVV06 / ZDL / ZT-L / BDL / SD / LKF

上海上甲智控液压有限公司
SHANGJIA ZHIKONG HYDRAULIC CO.,LTD



Mailbox/邮箱: beryl@shangjiayeya.com / jenny@shangjiayeya.com / feng@shangjiayeya.com

Factory address/地址: Ningjin ,Hebei province ,China.

Service hotline/服务热线: 86 18831970888 Website/网址: www.shangjiayeya.com



www.shangjiayeya.com

上甲智控液压

领先的技术 一站式服务

上海上甲智控液压有限公司，是由KYDAC控股的企业。作为KYDAC旗下的重要组成部分，我公司成立于2007年，占地4万多平方米，建设面积达2万平方米。我们汇聚了一支由多位高级液压工程师组成的专业团队，专注于液压传动、液压冷却和液压动力领域，秉承着卓越的专业能力。

Leading technology one-stop service

Shanghai Shangjia Zhikong Hydraulic Co., Ltd. is an enterprise controlled by KYDAC. As an important part of KYDAC, our company was established in 2007, covering an area of more than 40,000 square meters, with a construction area of 20,000 square meters. We have a professional team of senior hydraulic engineers, focusing on the fields of hydraulic transmission, hydraulic cooling and hydraulic power, adhering to the outstanding professional capabilities.



创新引领未来

上甲智控液压专注于为全球工程机械、农业机械等领域的行业用户提供优质液压元件及成套液压系统解决方案。不断为客户提供新的产品和技术，为客户创造价值。

Innovation leads the future

Shangjia Hydraulic focuses on providing high-quality hydraulic components and complete hydraulic system solutions to industry users in the fields of engineering machinery, agricultural machinery, and other fields worldwide. Continuously providing customers with new products and technologies to create value for them.



MULTI WAY DIRECTIONAL VALVE

多路换向阀 >



CATALOG · 目录

DCV系列 DCV SERIES

DCV20 多路换向阀	03
DCV40 多路换向阀	04
DCV45 多路换向阀	05
DCV60 多路换向阀	06
DCV100 多路换向阀	07
DCV140 多路换向阀	08

P系列 P-SERIES

P40 多路换向阀	09
P80 多路换向阀	10
P120 多路换向阀	11

SVV06系列 SVV06 SERIES

SVV06 多路换向阀	12
-------------	----

ZDL系列 ZDL SERIES

ZDL15 多路换向阀	13
ZDL20 多路换向阀	14
ZD-L102 多路换向阀	15

ZT-L系列 ZT-L SERIES

ZT-L12 多路换向阀	16
--------------	----

BDL系列 BDL SERIES

BDL-40 多路换向阀	17
--------------	----

SD系列 SD SERIES

SD 系列电磁控多路换向阀	18
SD 多路换向阀	19

LKF系列 LKF SERIES

LKF-1 系列压力补偿可变流量控制阀	20
---------------------	----

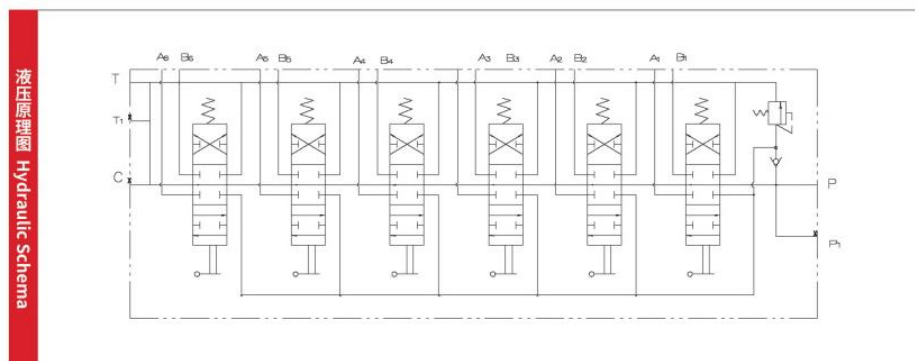
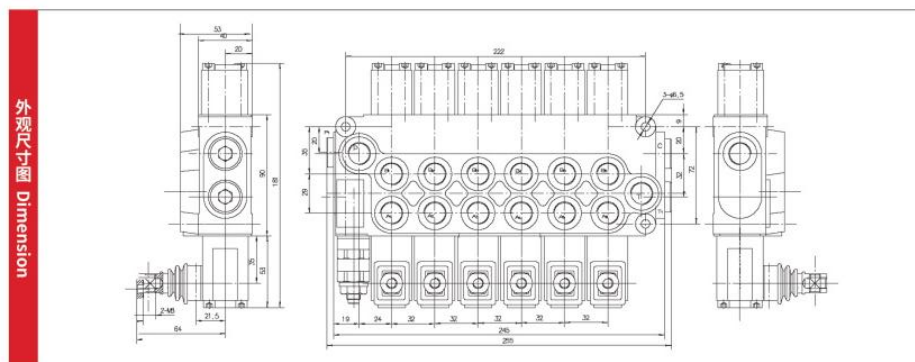
DCV20 多路换向阀

DCV20 multi way directional valve



产品参数 PRODUCT PARAMETERS			
额定流量 Nominal flow rate		20 L/min	5.3 US GPM
最大压力 Max pressure		350 bar	5076 psi
	工作粘度范围 Operating range	15~75 mm ² /s	15 ~ 75 cst
粘度 Viscosity	最小 Min	12 mm ² /s	12 cst
	最大 Max	400 mm ² /s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure		整体式: 6联 monoblock: 6 sections	

>> DCV20



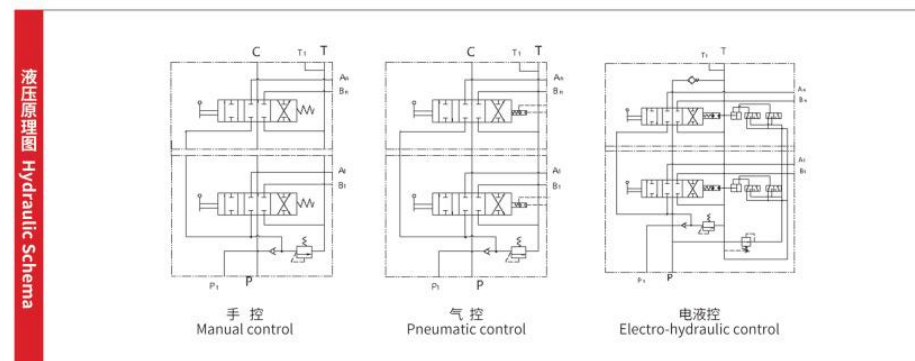
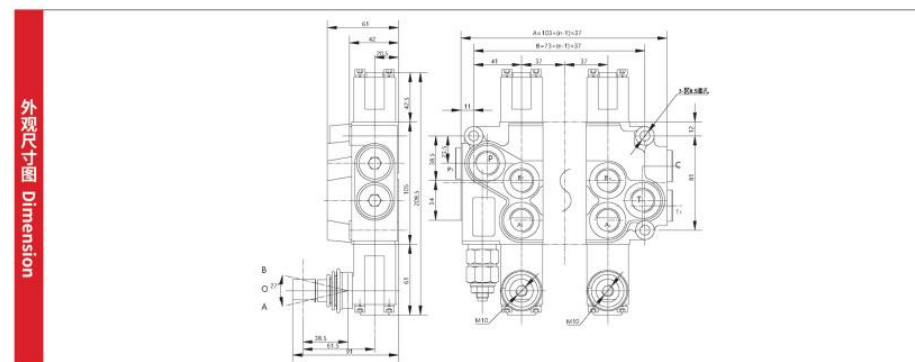
DCV40 多路换向阀

DCV40 multi way directional valve



产品参数 PRODUCT PARAMETERS			
额定流量 Nominal flow rate		40 L/min	10.5 US GPM
最大压力 Max pressure		350 bar	5076 psi
	工作粘度范围 Operating range	15~75 mm²/s	15 ~ 75 cst
粘度 Viscosity	最小 Min	12 mm²/s	12 cst
	最大 Max	400 mm²/s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure		整体式: 1~8联 monoblock: 1~8 sections	

>> DCV40



DCV45 多路换向阀

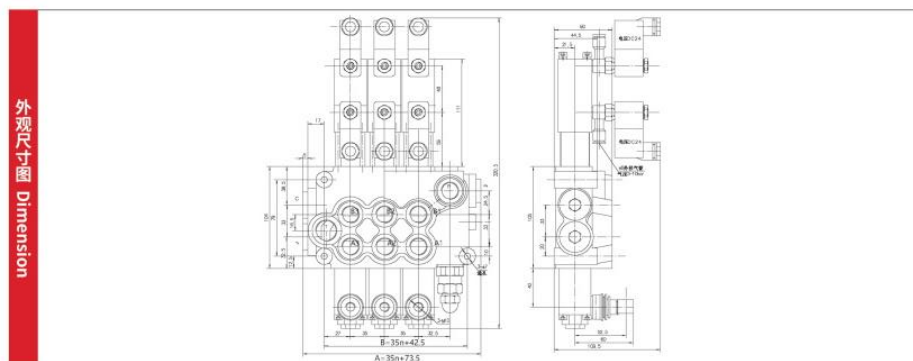
DCV45 multi way directional valve



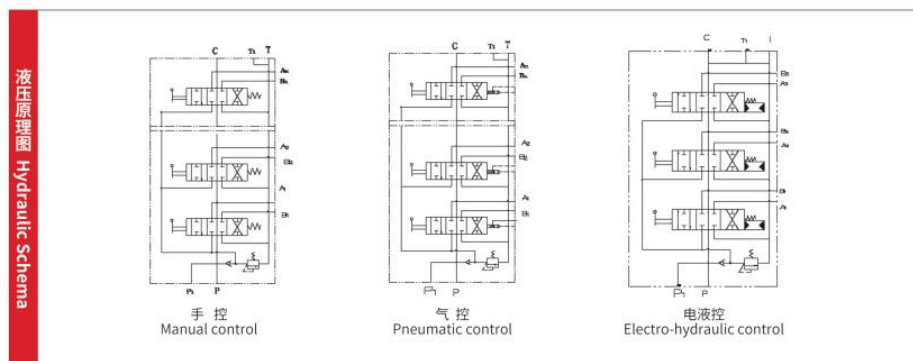
产品参数 PRODUCT PARAMETERS

额定流量 Nominal flow rate		45 L/min	11.8 US GPM
最大压力 Max pressure		350 bar	5076 psi
粘度 Viscosity	工作粘度范围 Operating range	15~75 mm²/s	15 ~ 75 cst
	最小 Min	12 mm²/s	12 cst
	最大 Max	400 mm²/s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure	整体式: 1~8联 monoblock: 1-8 sections		

>> DCV45



外观尺寸图 Dimension



液压原理图 Hydraulic Schema

DCV60 多路换向阀

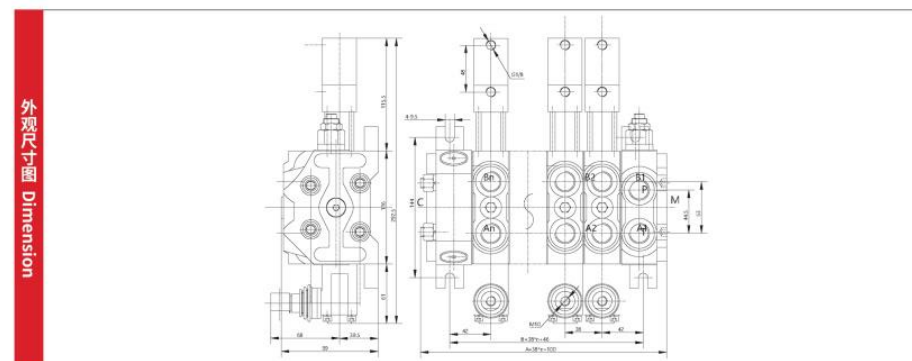
DCV60 multi way directional valve



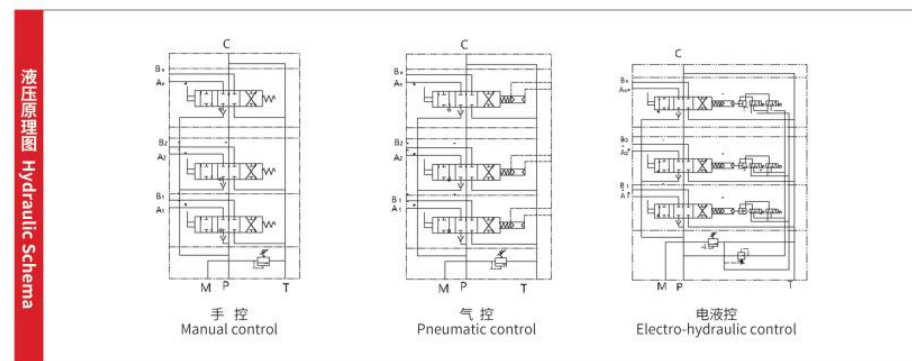
产品参数 PRODUCT PARAMETERS

额定流量 Nominal flow rate		60 L/min	15.8 US GPM
最大压力 Max pressure		350 bar	5076 psi
粘度 Viscosity	工作粘度范围 Operating range	15~75 mm²/s	15 ~ 75 cst
	最小 Min	12 mm²/s	12 cst
	最大 Max	400 mm²/s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure	分片式: 1~12联 sectional: 1-12 sections		

>> DCV60



外观尺寸图 Dimension



液压原理图 Hydraulic Schema

DCV100 多路换向阀

DCV100 multi way directional valve

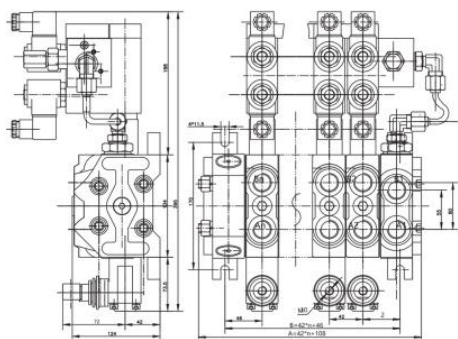


产品参数 PRODUCT PARAMETERS

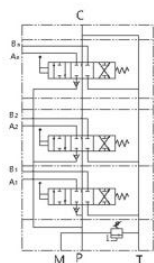
额定流量 Nominal flow rate		100 L/min	26.2 US GPM
最大压力 Max pressure		350 bar	5076 psi
粘度 Viscosity	工作粘度范围 Operating range	15~75 mm ² /s	15 ~ 75 cst
	最小 Min	12 mm ² /s	12 cst
	最大 Max	400 mm ² /s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure		分片式: 1~12联 sectional: 1-12 sections	

» DCV100

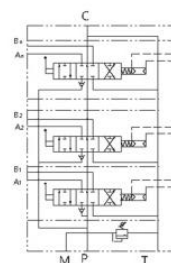
外观尺寸图 Dimension



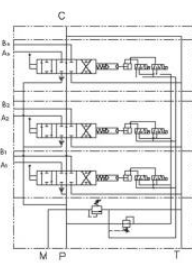
液压原理图 Hydraulic Schema



手控
Manual control



气控
Pneumatic control



电液控
Electro-hydraulic control

DCV140 多路换向阀

DCV140 multi way directional valve

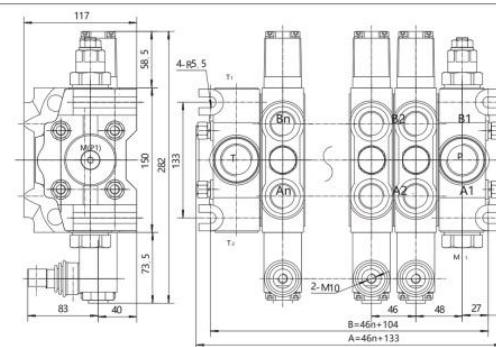


产品参数 PRODUCT PARAMETERS

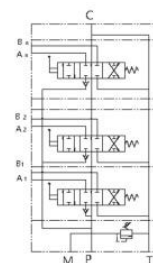
额定流量 Nominal flow rate		140 L/min	36.8 US GPM
最大压力 Max pressure		350 bar	5076 psi
粘度 Viscosity	工作粘度范围 Operating range	15~75 mm ² /s	15 ~ 75 cst
	最小 Min	12 mm ² /s	12 cst
	最大 Max	400 mm ² /s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure		分片式: 1~12联 sectional: 1-12 sections	

» DCV140

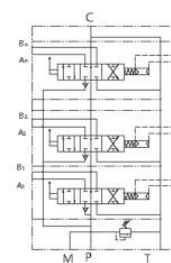
外观尺寸图 Dimension



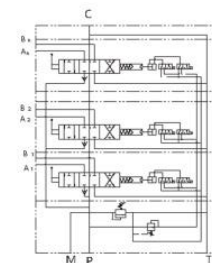
液压原理图 Hydraulic Schema



手控
Manual control



气控
Pneumatic control



电液控
Electro-hydraulic control

P40 多路换向阀

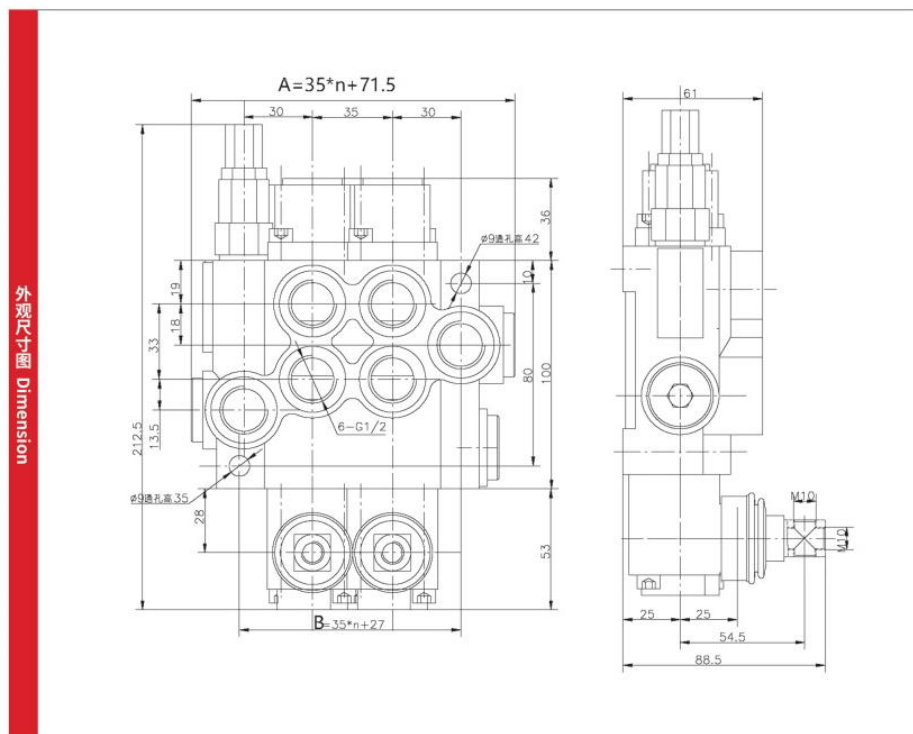
P40 multi way directional valve



产品参数 PRODUCT PARAMETERS

额定流量 Nominal flow rate		40 L/min	10.6 US GPM
最大压力 Max pressure		250 bar	3626 psi
粘度 Viscosity	工作粘度范围 Operating range	15~75 mm²/s	15 ~ 75 cst
	最小 Min	12 mm²/s	12 cst
	最大 Max	400 mm²/s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure		整体式: 1~7联 monoblock: 1~7 sections	

» P40



P80 多路换向阀

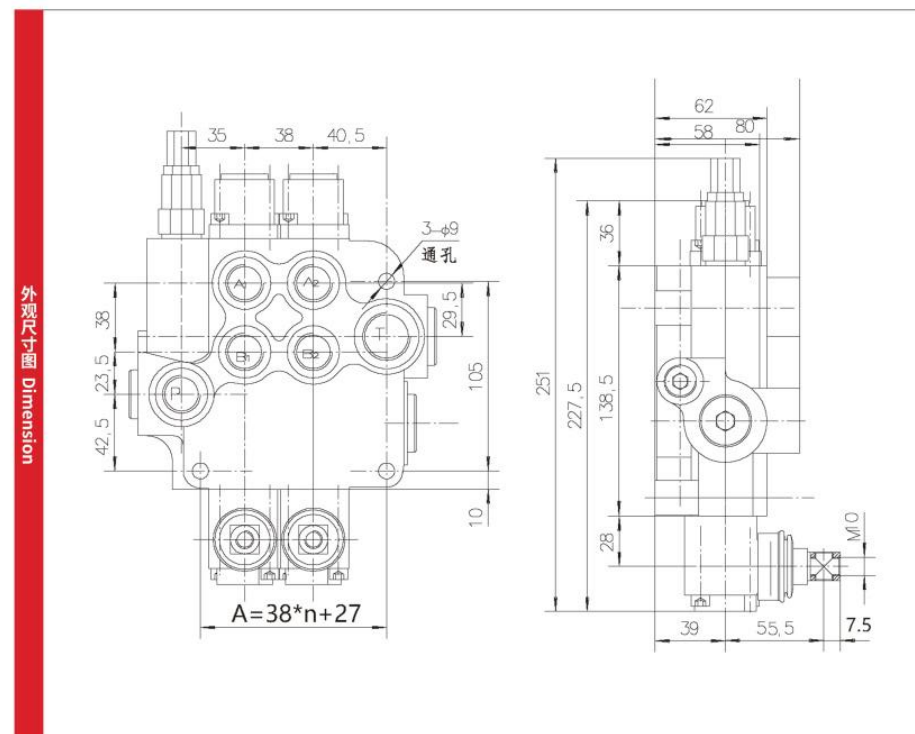
P80 multi way directional valve



产品参数 PRODUCT PARAMETERS

额定流量 Nominal flow rate		80 L/min	21 US GPM
最大压力 Max pressure		250 bar	3626 psi
粘度 Viscosity	工作粘度范围 Operating range	15~75 mm²/s	15 ~ 75 cst
	最小 Min	12 mm²/s	12 cst
	最大 Max	400 mm²/s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure		整体式: 1~7联 monoblock: 1~7 sections	

» P80



P120 多路换向阀

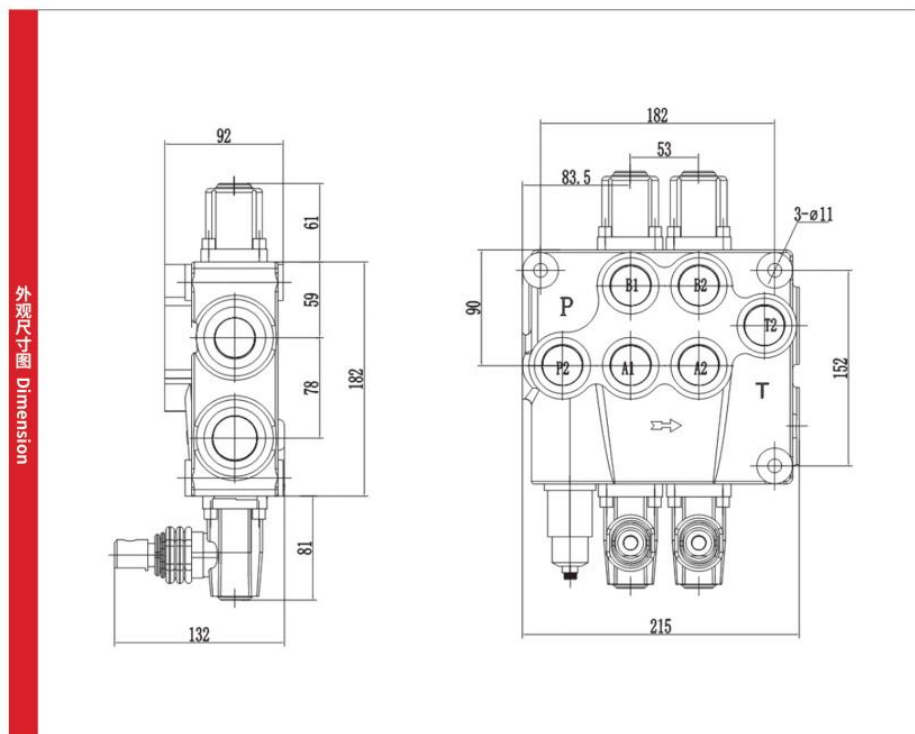
P120 multi way directional valve



产品参数 PRODUCT PARAMETERS

额定流量 Nominal flow rate		120 L/min	31.5 US GPM
最大压力 Max pressure		250 bar	3626 psi
粘度 Viscosity	工作粘度范围 Operating range	15~75 mm²/s	15 ~ 75 cst
	最小 Min	12 mm²/s	12 cst
	最大 Max	400 mm²/s	400 cst
环境温度 Ambient temperature range		-40° ~ 80°C	-40° ~ 176°F
结构 Structure		整体式: 1~7联 monoblock: 1~7sections	

>> P120



外观尺寸图 Dimension

SVV06 多路换向阀

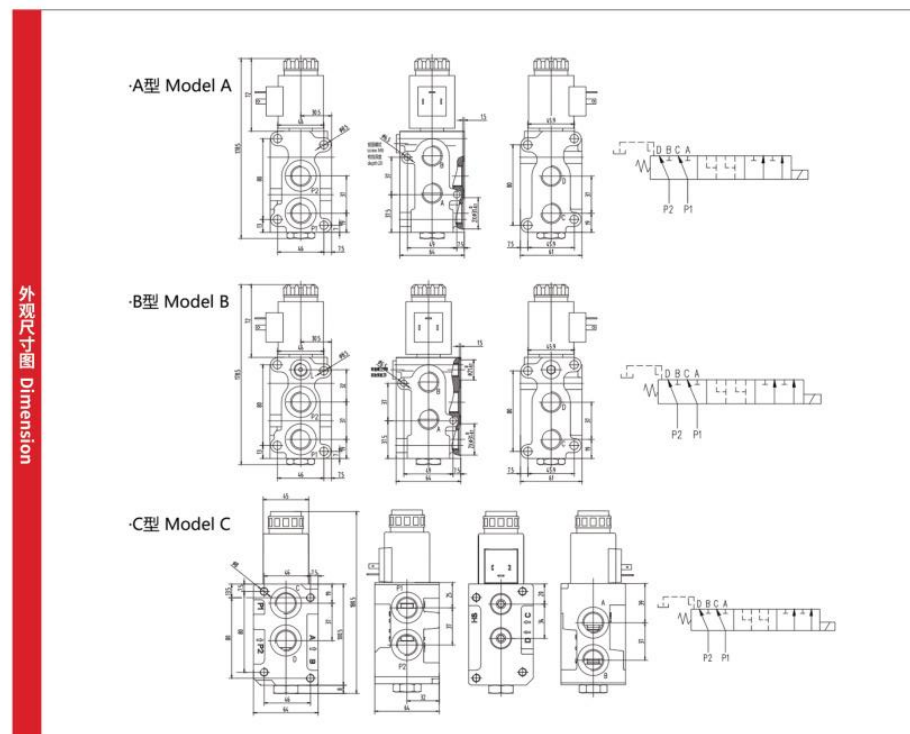
SVV06 multi way directional valve



产品参数 PRODUCT PARAMETERS

型号 Model	HSV6	HSV9
最大流量 Max flow	50L/min	90L/min
公称压力 Rated pressure	25Mpa	25Mpa
油温范围 Oil temp range	-20~80°C	-20~80°C

>> SVV06



外观尺寸图 Dimension

ZDL15 多路换向阀

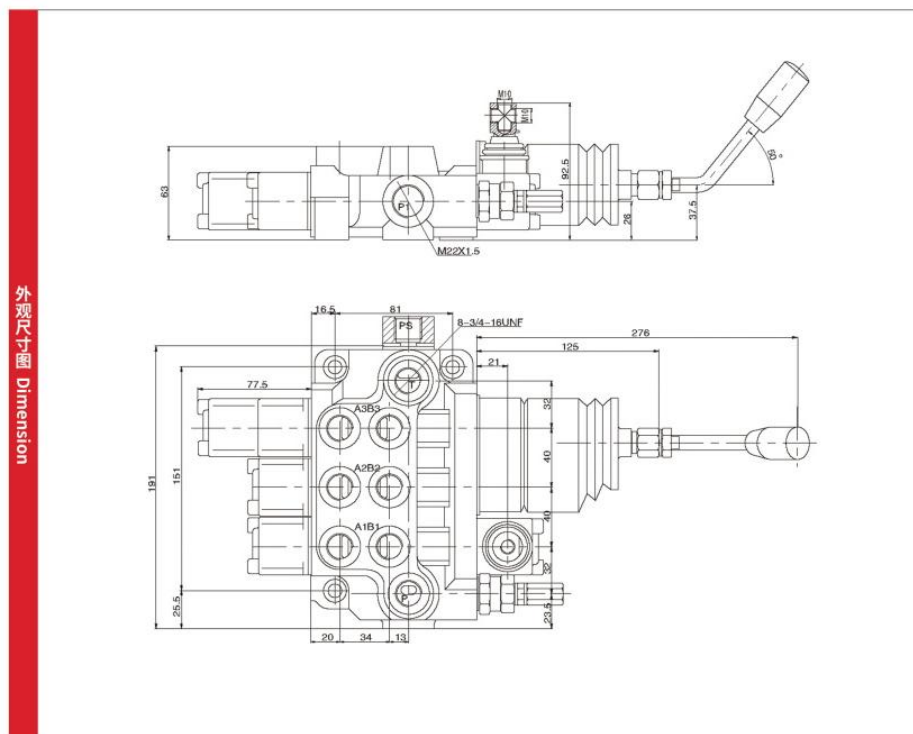
ZDL15 multi way directional valve



产品参数 PRODUCT PARAMETERS

公称压力(MPa) Nom Pressure		16
最大压力(MPa) Max pressure		31.5
公称流量(L/min) Nom Flow rate		63
允许背压(MPa) Allowable Back Pressure		≤1
工作油液 hydraulic oil	温度范围(°C) Tem rang	-20~+80
	粘度范围(mm2/S) Visc rang	10~400
	过滤精度(μm) filtrating accuracy	≤10

>> ZDL15



外观尺寸图 Dimension

ZDL20 多路换向阀

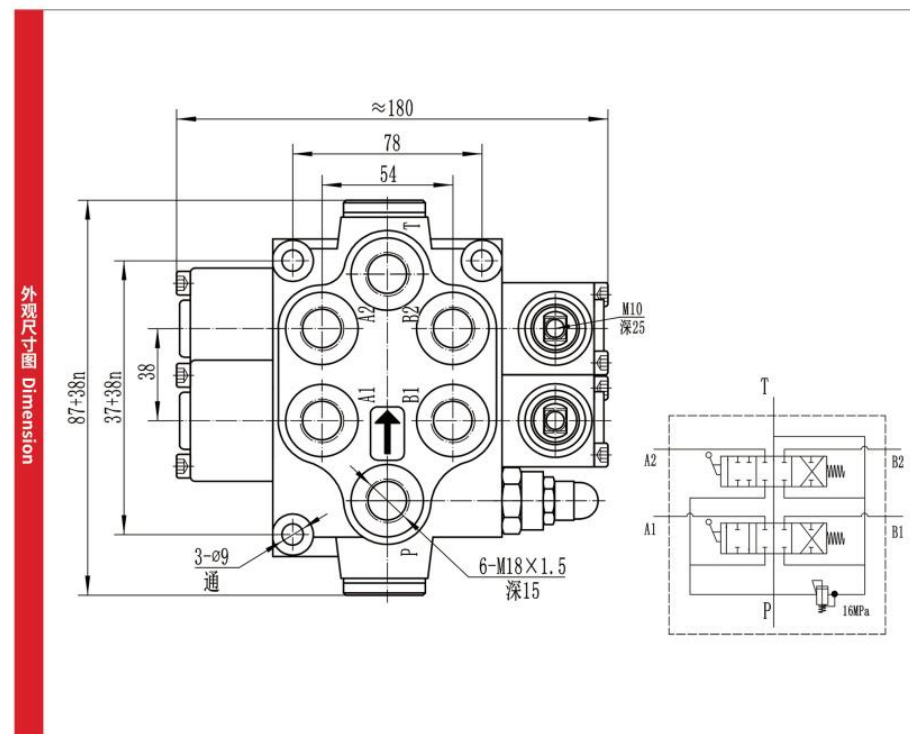
ZDL20 multi way directional valve



产品参数 PRODUCT PARAMETERS

公称压力(MPa) Nom Pressure		20
最大压力(MPa) Max pressure		31.5
公称流量(L/min) Nom Flow rate		90
允许背压(MPa) Allowable Back Pressure		≤1
工作油液 hydraulic oil	温度范围(°C) Tem rang	-20~+80
	粘度范围(mm2/S) Visc rang	10~400
	过滤精度(μm) filtrating accuracy	≤10

>> ZDL20



外观尺寸图 Dimension

ZD-L102 多路换向阀

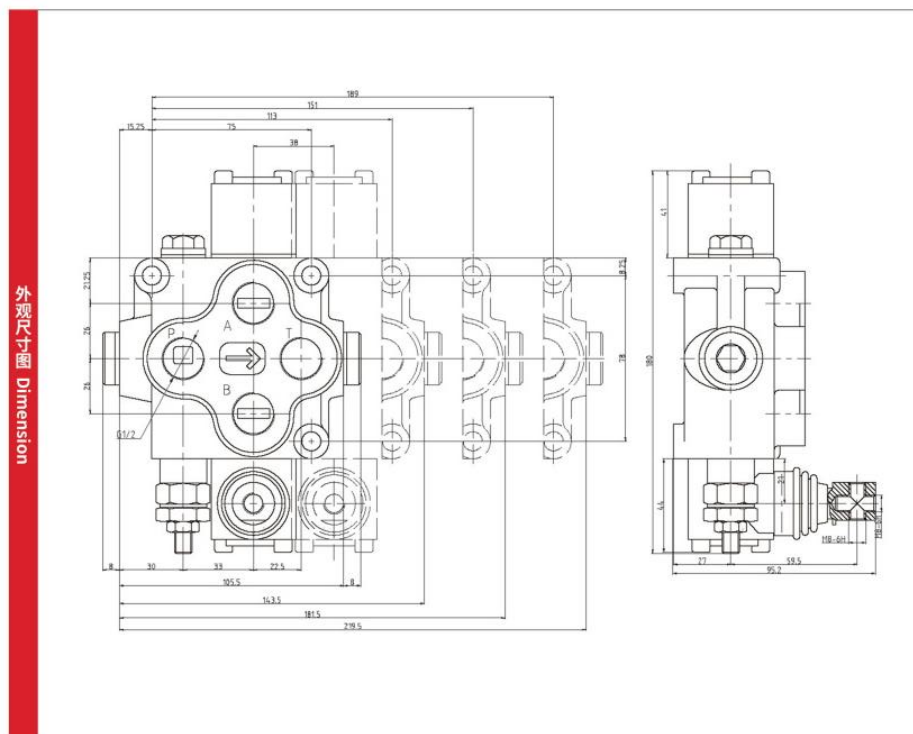
ZD-L102 multi way directional valve



产品参数 PRODUCT PARAMETERS

公称压力(MPa)	Nom Pressure	16
最大压力(MPa)	Max pressure	20
公称流量(L/min)	Nom Flow rate	40
允许背压(MPa)	Allowable Back Pressure	≤1
工作油液 hydraulic oil	温度范围(°C)	-20~+80
	粘度范围(mm ² /S)	10~400
	过滤精度(μm)	≤10

» ZD-L102



BDL-40 多路换向阀

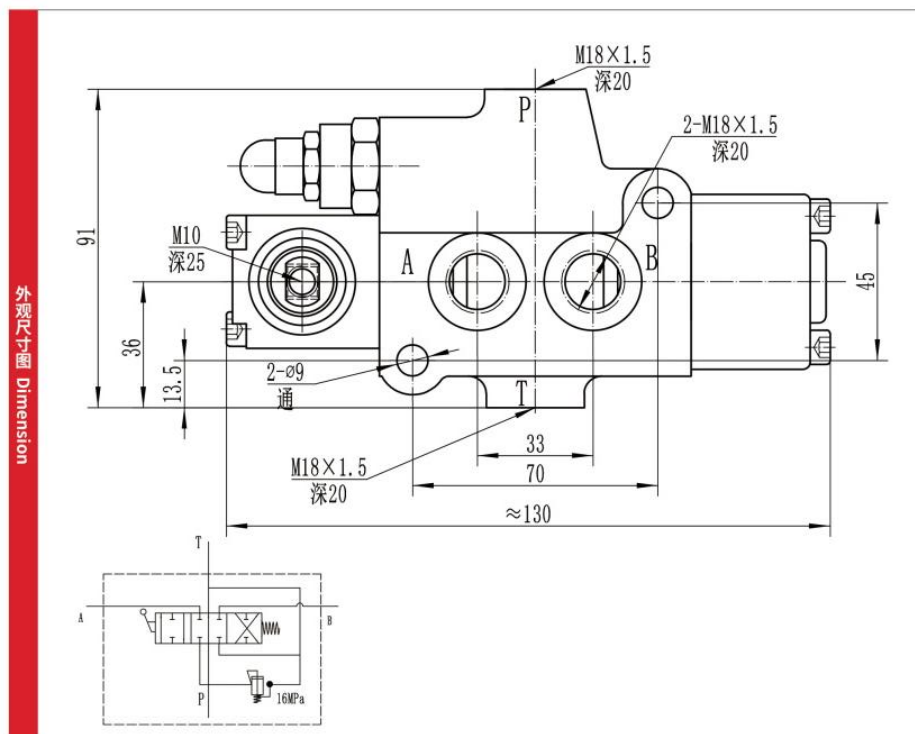
BDL-40 multi way directional valve



产品参数 PRODUCT PARAMETERS

公称压力(MPa) Nom Pressure	16	
最大压力(MPa) Max pressure	20	
公称流量(L/min) Nom Flow rate	40	
允许背压(MPa) Allowable Back Pressure	≤1	
工作油液 hydraulic oil	温度范围(°C) Tem rang	-20~+80
	粘度范围(mm2/S) Visc rang	10~400
	过滤精度(μ m) filtrating accuracy	≤10

➤➤ BDL-40



SD 系列电磁控多路换向阀

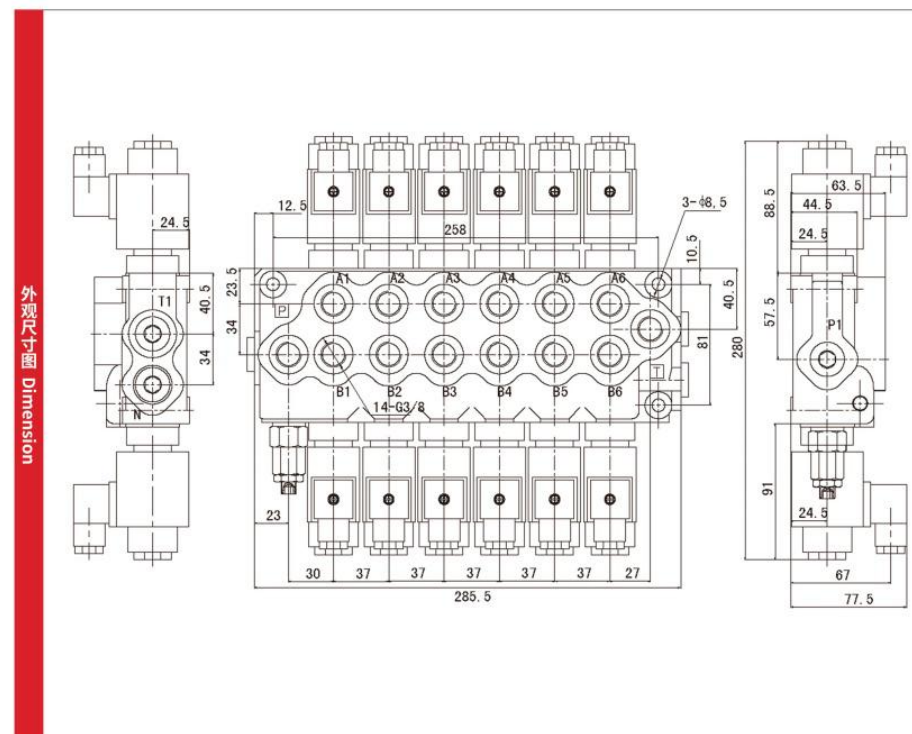
SD series electromagnetic controlled multi way directional valve



产品参数 PRODUCT PARAMETERS

公称压力(MPa) Nom Pressure		20
最大压力(MPa) Max pressure		31.5
公称流量(L/min) Nom Flow rate		45
最大流量(L/min) Max Flow rate		45
中位背压(MPa) Back Pressure		≤1
工作油液 hydraulic oil	温度范围(°C) Tem rang	-20~+80
	粘度范围(mm2/S) Visc rang	10~400
	过滤精度(μm) filtrating accuracy	≤10

>> SD



SD 多路换向阀

SD multi way directional valve

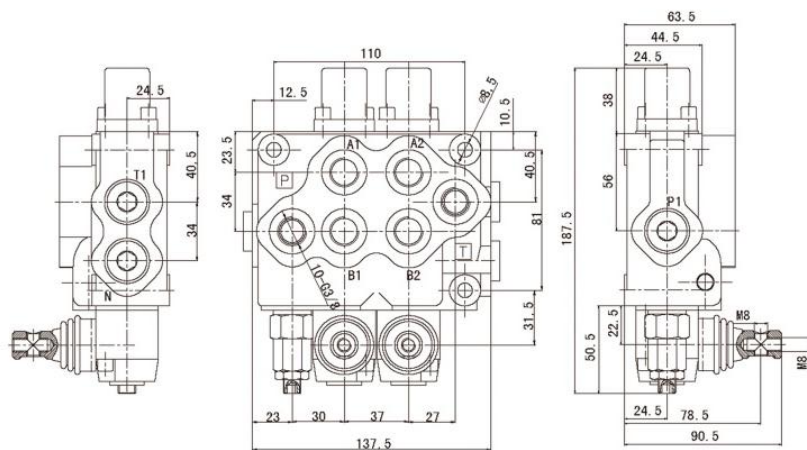


>> SD

产品参数 PRODUCT PARAMETERS

公称压力(MPa) Nom Pressure		20
最大压力(MPa) Max pressure		31.5
公称流量(L/min) Nom Flow rate		45
最大流量(L/min) Max Flow rate		45
中位背压(MPa) Back Pressure		≤1
工作油液 hydraulic oil	温度范围(°C) Tem rang	-20~+80
	粘度范围(mm2/S) Visc rang	10~400
	过滤精度(μ m) filtrating accuracy	≤10

外观尺寸图 Dimension



LKF-1 系列压力补偿可变流量控制阀

LKF-1 series pressure compensated variable flow control valve



>> LKF-1

产品参数 PRODUCT PARAMETERS

型号 Model	LKF40	LKF60	LKF114
油口尺寸 Oil port size	NPT3/8	NPT1/2	NPT3/4
流量控制范围 Flow control range	0-40L/min	0-60L/min	0-114L/min
工作压力 Working pressure	0-21Mpa	0-21Mpa	0-21Mpa

外观尺寸图 Dimension

