

TECHNICAL CATALOGUE



COME TO US, GET OUR BEST SOLUTION !

2023

公司介绍

C&L 伦联机电

HYDRAULICS • ELECTRONICS



上海伦联机电设备有限公司成立于2005年，公司总部位于上海市，在德国慕尼黑、意大利博洛尼亚设有研发中心。伦联以推动行业技术进步，提高国内液压基础核心件的技术水平，实现国产替代进口，为客户提供高品质高性能且具有性价比的产品为使命，是行业领先的专注于平衡阀研发制造，以及非标集成阀组、电液系统解决方案的服务商。

全球化研发团队的自主研发能力，数字化工厂的柔性制造能力，对批量产品的质量管控能力共同构成了伦联的核心竞争力，使我们无论是非标定制，还是大批量生产，都能够快速并准确的提供满足客户多样化需求的解决方案。作为国内领先的液压技术服务企业，伦联的技术服务已广泛应用于工程机械、农业机械、航空航天、船舶、电力、钢铁、石油、化工等行业，主要客户包括三一集团、中联重科、徐工集团、中国铁建等国内头部工程机械制造商。

伦联将不断提高核心竞争优势，坚持技术创新，深化中国制造2025，加强全球化供应链体系优势，致力于为客户提供高性价比的解决方案和产品。

INTRODUCTION



Shanghai Longline Mechanical and Electrical Equipment Co.,Ltd. was founded in 2005 and is headquartered in Jiading District, Shanghai (with offices in Changsha, Xuzhou, and Taiyuan). We are a high-tech enterprise who devotes to the design, development, production, manufacturing and service of hydraulic valves and customized electro-hydraulic integrated control system for mobile machinery.

Shanghai Longline implements ERP/PDM inter management and has obtained ISO9001-2008 quality management system certification. We have united a group of high-quality R&D teams in the field of hydraulics, with professional knowledge and experience, 3D design software Solidworks and fluid simulation software AMESim, FLUENT, to ensure the efficiency and reliability of product development and rapid support to customers. In terms of quality control, the stability of product quality is ensured through complete process routes, clear process system documents, and complete manufacturing equipment, cleaning equipment and test equipment. The equipment includes machining centers, grinders, ultrasonic cleaning machines and other processing equipment, roundness meters, roughness and contour measuring instruments, hardness meters, three-coordinates, endoscopes, pneumatic measuring instruments, metallographic microscopes and other measuring instruments. And with independently developed hydraulic valve test bench and lifetime test bench integrated data collection, which can perform dynamic, static performance and lifetime tests on various hydraulic valves.

Shanghai Longline has obtained 22 authorized patents. We have established a technical consultant team composed of well-known hydraulic experts both domestic and abroad, and conducted in-depth cooperation in production, education and research with Zhejiang University of Technology, Taiyuan University of Technology and many other universities, using the scientific research and talents of universities and colleges to further promote the technological innovation of products, and to ensure the delivery of hydraulic professionals for the company.

With the joint efforts of all members, our products already widely applied to the fields of construction machinery, aerospace, shipbuilding, electric power, steel, petroleum, chemical and other industries, we have paid diligently work for the development of the industry and contributed to the modernization of our country.

We will adhere to the business philosophy of "quality-oriented, technology as the soul, application as the god, and win-win cooperation", continue to be customer-centric, use independent research and development advantages to quickly transform product design into products, and become a reliable cooperation partner for customers.

伦联竞争力

Longline competitiveness

伦联研发

全球化研发团队的自主研发能力，对于主机应用17余年的经验累积，与客户合作开发产品的成功案例，使我们无论是非标定制，还是大批量生产，都能够快速并准确的提供满足客户多样化需求的解决方案。

1. 基于行业应用与客户需求定向开发。
2. 模拟工况对产品进行性能测试，疲劳寿命测试，加速产品验证。
3. 借助APQP及PLM对产品研发全流程进行管控，实现对产品的快速、稳定交付。



伦联“智”造 —— 打通全工艺流程的MES系统

产线全面智能化升级与全工艺流程的MES系统实现产品快速交付，确保产品一致性、稳定性、可追溯。

- **FMS智能柔性制造系统**
/快速响应客户需求
- **智能芯片刀具管理系统**
/保障产品质量稳定性
- **热能去毛刺机&自动清洗机**
/保障产品清洁度
- **智能立体货柜**
/实现物料精准管理高效配送
- **自动化装配线**
/实现智能装配、主动防错、自主检验
- **自动测试台**
/实现智能测试、自动识别、数据记录



伦联质量

质量保证体系

伦联机电2011年取得ISO9001:2008质量体系认证，2018年完成ISO9001:2015体系版本升级换证，经过10多年的建设，质量体系流程、文件和记录日臻完善，质量体系高效运行。

2021年，公司引入IATF16949：2016管理理念，在平衡阀产品的设计开发和生产制造过程中，全面推行APQP、FMEA、PPAP，MAS、SPC五大工具，平衡阀产品质量达到行业先进水平；

2022年起，伦联机电集成阀组的设计开发和生产制造也将逐步采用五大工具，进一步提高集成阀组的产品质量。

质量控制系统

伦联机电拥有国内一流的实验室、完备的检验器具和专业有素的质检和质管团队，从产品的设计开发、来料、加工、外协、装配、调试、包装、发货以及售后服务全过程对产品进行质量管控，保证出厂的每一件产品都符合客户的需求。



质量五年规划

伦联机电秉承“以质量铸品牌，为客户创价值”的质量方针，在2022年全面实施APQP等五大工具，不生产不合格产品；在2023年，建立起预防质量体系，通过防错防呆设计，保证生产不出不合格产品；力争在2025年前，建立以一套卓越质量体系，通过超前思维，提供超越客户期望的产品和服务。

平衡阀技术提示

Technical Tips for Banlance Vavle

一、选型建议

1、流量：建议选择公称流量略小于实际流量的平衡阀，平衡阀的公称流量是在一定压损下的测得的流量规格，其使用流量略大于公称流量时，全流量通流会压损大一些，但可正常使用；

2、设定压力：平衡阀设定压力要保证在最大负载压力1.3倍以上，才可以保证可靠的负载保持；对于设定压力在200bar以下的平衡阀，设定压力要保证最大负载的1.5倍以上；

3、先导比：对于标准平衡阀在实际使用过程中，大先导比平衡阀会更加节能，但容易出现负载抖动的情况，推荐在行走、回转机构中使用，小先导比平衡阀运行压力较高，耗能较大，但执行机构工作更加稳定，推荐在臂架类变幅、伸缩等机构中使用。

（由于平衡阀应用工况较复杂，具体技术建议请咨询我司）；

4、对于样本中标准平衡阀，如果需求不同阀体材料或调整为其他设定压力，可在型号后标注。

例如：标准型号+ . A37，

A代表铝合金，S代表钢

37代表设定压力37MPa,即370bar；

二、技术参数说明：

- 1、设定压力流量：平衡阀阀口呈线状油液流出；
- 2、设定压力公差范围：0/+20bar；

三、拆装维修建议

1、在装机调试阶段，如果需要调整设定压力，要标记好初始位置，以便于调试完成后可以记录调节量，也方便将设定压力恢复原位；

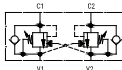
2、在维护保养或维修设备时，可将执行机构放置地面或依靠在可靠结构上，然后将平衡阀调节螺杆逆时针拧至最松，此时压力已泄至较低状态。再次点动换向阀即可将执行机构内压力泄至最低，在此状态下可以直接拆解平衡阀管路。在调压过程中，请记录调压螺杆拧松圈数，在拆解平衡阀之后请务必将调压螺杆拧回原位。这样即可以保证平衡阀可以再次安全地安装重复装机使用，也可以对售后维修分析判断时最大程度恢复装机时的技术状态；

四、售后政策

整机出厂1年，或整机运行2000小时，或我司产品发货18个月，三者先到为止。

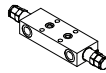
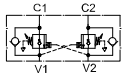
高空作业车

自行走高空作业车 \ 车载式高空作业车



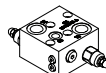
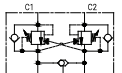
调平平衡阀

型号: NW01A1-SL pag. A1
设定压力: 260bar
流量: Max.5L/min
先导比: 8.5:1
安装方式: 板式安装



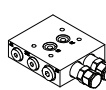
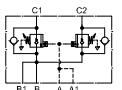
调平平衡阀(透大气)

型号: NW01B1-SL pag. A2
NW01C1-SL pag. A3
先导开启: 30bar
流量: Max.40L/min
先导比: 1:0
安装方式: 板式安装



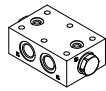
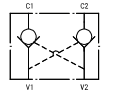
回转平衡阀

型号: NW02A1-RO.A pag. A4
NW02A2-RO.A pag. A5
NW02B1-RO.A pag. A6
NW02D1-RO.A pag. A7
工作压力: 200bar
流量: 60L/min
先导比: 4.25:1
安装方式: 板式安装



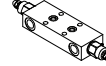
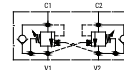
浮动平衡阀

型号: NW05NS1-40 pag. A11
先导开启: 20bar
流量: 40L/min
先导比: 1:0
安装方式: 板式安装



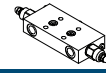
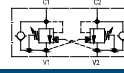
垂直支腿液压锁

型号: PCFD.001.78.A03 pag. F1
最大压力: 350bar
流量: 30L/min
先导比: 7:1
安装方式: 板式安装



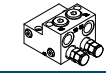
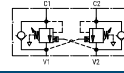
变幅平衡阀

型号: NW03A1-ST pag. A8
设定压力: 350bar
流量: 40L/min
先导比: 4.25:1
安装方式: 板式安装



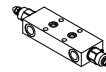
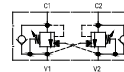
变幅/伸缩平衡阀

型号: NW03B1-ST pag. A9
设定压力: 300bar
流量: 25L/min
先导比: 8.5:1
安装方式: 板式安装



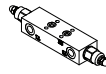
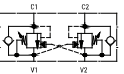
伸缩平衡阀

型号: NW04B1-ST pag. A10
设定压力: 300bar
流量: 60L/min
先导比: 4.25:1
安装方式: 板式安装



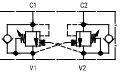
平衡阀

型号: Cbfd.000.41.A03 pag. E1
设定压力: 350bar
流量: 60L/min
先导比: 4.25:1
安装方式: 板式安装



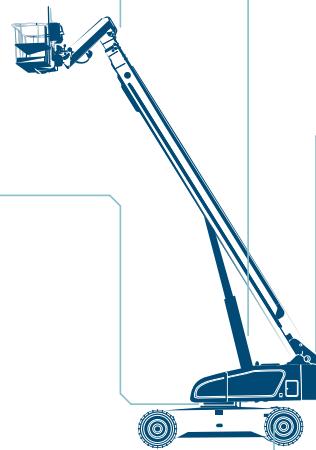
平衡阀

型号: Cbfd.000.41.A02
设定压力: 350bar
流量: 20L/min
先导比: 4.25:1
安装方式: 板式安装



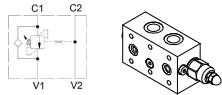
平衡阀

型号: CBPD.000.41.A03 pag. E4
设定压力: 350bar
流量: 60L/min
先导比: 4.25:1
安装方式: 管式安装

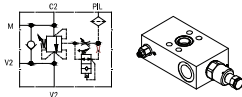


桩工机械

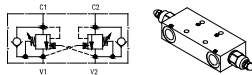
旋挖钻机\连续墙抓斗\双轮铣\搓管机



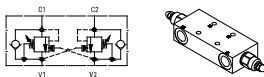
折桅平衡阀(替代液压锁)
型号: KF04D1-30- L pag. C12
设定压力: 350bar
流量: 30L/min
先导比: 4.25:1
安装方式: 板式安装



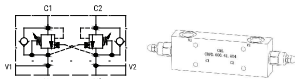
加压油缸平衡阀
型号: PG02-034 pag. B2
PG02-100 pag. B3
设定压力: 350bar
流量: 150/300L/min
先导比: 6.2/8:1
安装方式: 板式安装



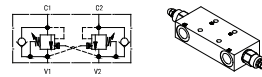
桅杆油缸平衡阀
型号: CBFD.H00.51.A04 pag.E3
设定压力: 420bar
流量: 80L/min
安装方式: 板式安装



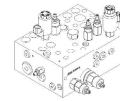
变幅平衡阀
型号: CBFD.000.41.A04 pag.E2
设定压力: 350bar
流量: 80L/min
先导比: 4.25:1
安装方式: 板式安装



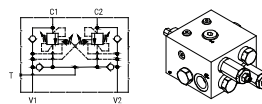
变幅平衡阀
型号: PG01A1-90.S35
设定压力: 350bar
流量: 90L/min
先导比: 4.25:1
安装方式: 板式安装



鹅头平衡阀
型号: CBFD.000.41.A04 pag. E2
设定压力: 350bar
流量: 80L/min
先导比: 4.25:1
安装方式: 板式安装



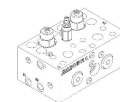
主卷扬平衡阀
型号: 全系列 详情欢迎来询
设定压力: 420bar
流量: 最大至540L/min
安装方式: 板式安装



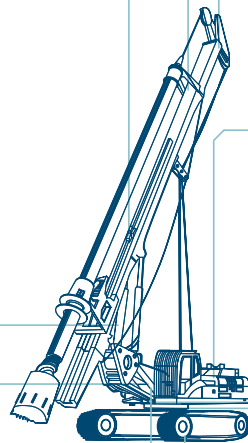
回转平衡阀
型号: PG03-034-NN pag. B5
缓冲压力: 120bar
流量: 120L/min
先导比: 7.6:1
安装方式: 管式安装



回转平衡阀
型号: 313320ZR42G01A 详情欢迎来询
缓冲压力: 160bar
流量: 240L/min
安装方式: 管式安装

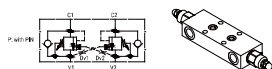


行走平衡阀
型号: 多种规格 详情欢迎来询
设定压力: 320bar
流量: 240L/min
先导比: 4.25:1
安装方式: 板式安装



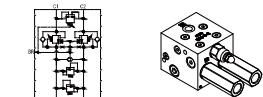
混凝土机械

泵车\搅拌站\车载泵\拖泵\喷射机械手



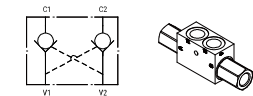
短臂架双平衡阀

型号: KF02B1-40 pag. C8
设定压力: 370bar
流量: 60L/min
先导比: (1.14-3.11):1
安装方式: 板式安装



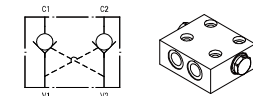
回转平衡阀(可替代HAWE)

型号: KF01-40-H pag. C1
KF01-40-L pag. C2
设定压力: 130bar
流量: 60L/min
先导比: 2.1:1
安装方式: 管式安装



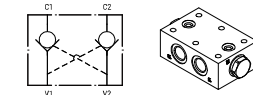
水平支腿液压锁

型号: PCPD.000.01.A03 pag. F3
设定压力: 350bar
流量: 30L/min
先导比: 3:1
安装方式: 管式安装



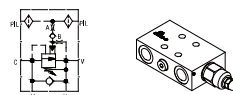
垂直支腿液压锁 安装代替平衡阀

型号: PCFD.A02.78.A03 pag. F2
最大压力: 350bar
流量: 30L/min
先导比: 7:1
安装方式: 板式安装



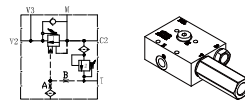
垂直支腿液压锁

型号: PCFD.001.78.A03 pag. F1
最大压力: 350bar
流量: 30L/min
先导比: 7:1
安装方式: 板式安装



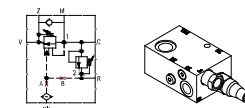
短臂架单平衡阀

型号: KF02C1-40 pag. C11
设定压力: 370bar
流量: 60L/min
先导比: (0.71-2.69):1
安装方式: 板式安装



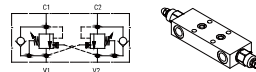
长臂架单平衡阀(可替代HAWE)

型号: KF02A1 pag. C3
最大设定压力: 450bar
流量: 80L/min
先导比: (0.32-2.69):1
安装方式: 板式安装



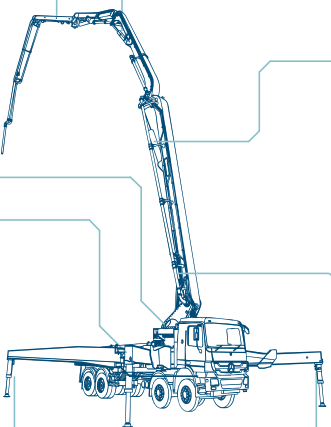
长臂架单平衡阀(可替代Rexroth)

型号: KF02A2-60 pag. C4
KF02A2-90 pag. C5
设定压力: 420bar
流量: 60/90L/min
先导比: 2.65:1
安装方式: 板式安装



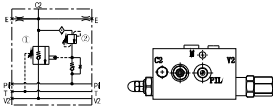
支腿平衡阀

型号: Cbfd.000.41.A03 pag. E1
设定压力: 350bar
流量: 60L/min
先导比: 4.25:1
安装方式: 板式安装



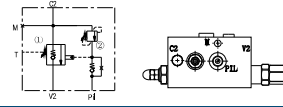
土方机械

挖机\装载机\推土机



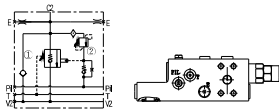
防爆阀

型号: YG01B1-120
YG01B1-150
最大压力: 420bar
流量: 150L/min
先导比: 1:0
安装方式: 管式安装



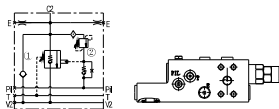
防爆阀

型号: YG01B1-50 pag. D1
YG01B2-50(对称) pag. D2
最大压力: 420bar
流量: 50L/min
先导比: 1:0
安装方式: 管式安装



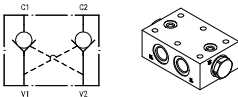
防爆阀

型号: YG02B1-150 pag. D3
YG02B1-250 pag. D4
最大压力: 420bar
流量: 50/250L/min
先导比: 1:0
安装方式: 板式安装



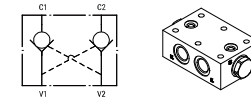
防爆阀

型号: YG02B1-350
YG02B1-400
最大压力: 420bar
流量: 350/400L/min
先导比: 1:0
安装方式: 板式安装



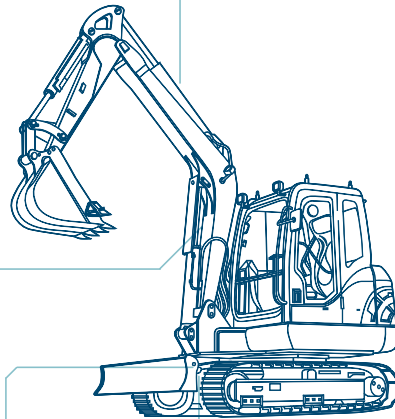
推土机液压锁

型号: PCFD.001.78.A03 pag. F1
最大压力: 350bar
流量: 30L/min
先导比: 7:1
安装方式: 板式安装



柔性动作液压锁

型号: PCFD.SM1.78.A03
最大压力: 350bar
流量: 30L/min
先导比: 7:1
安装方式: 板式安装



PRODUCT SELECTION GUIDE

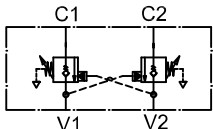
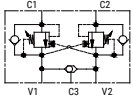
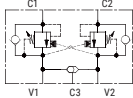
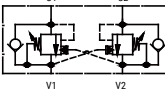
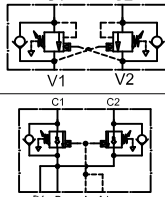
产品目录

NW SERIES NW系列

C&L 伦联机电

HYDRAULICS-ELECTRONICS

Aerial work platform 高空作业平台

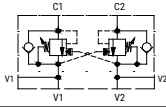
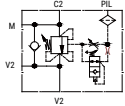
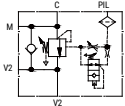
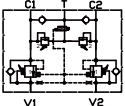
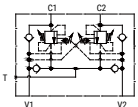
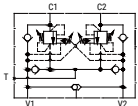
	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Ports 油口	Page 页码
	NW01A1-SL	5	350	G 3/8"	A1
	NW01B1-SL	60	350	G 3/8"	A2
	NW01C1-SL	40	350	G 1/4"	A3
	NW02A1-RO.A	60	250	G 1/2"	A4
	NW02A2-RO.A	60	350	G 1/2"	A5
	NW02B1-RO.A	60	250	G 3/8"	A6
	NW02D1-RO.A	60	250	G 1/2"	A7
	NW03A1-ST	40	350	G 3/8"	A8
	NW03B1-ST	25	350	G 3/8"	A9
	NW04B1-ST	60	350	G 1/2"	A10
	NW05NS1-40	40	350	G 1/4"	A11

PRODUCT SELECTION GUIDE

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PG SERIES PG系列

C&L 伦联机电
HYDRAULICS-ELECTRONICS

Rotary drilling rig 旋挖钻机					
	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Ports 油口	Page 页码
	PG01A1-90	90	350	G 1/2"	B1
	PG02-034	120	350	G 3/4"	B2
	PG02-100	250	350	G 1"	B3
	PG03-034-NL	120	350	G 3/4"	B4
	PG03-034-NN	120	350	G 3/4"	B5
	PG03-034-SN	120	350	G 3/4"	B6

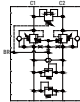
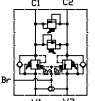
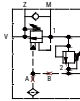
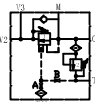
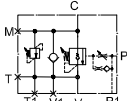
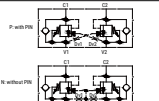
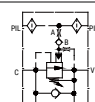
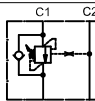
PRODUCT SELECTION GUIDE

产品目录

KF SERIES KF系列

C&L 伦联机电
HYDRAULICS • ELECTRONICS

Concrete pump 混凝土泵车

	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Ports 油口	Page 页码
	KF01-40-H	60	350	G 1/2"	C1
	KF01-40-L	60	350	G 1/2"	C2
	KF02A1	MAX 80	440	G 1/2"	C3
	KF02A2-60	60	450	G 3/8"	C4
	KF02A2-90	90	450	G 3/8"	C5
	KF02A3-80	80	450	G 3/4"	C6
	KF02B1-20	40	350	G 1/4"	C7
	KF02B1-40	60	370	G 3/8"	C8
	KF02B2-40	60	350	G 3/8"	C9
	KF02C1-60	60	370	G 3/8"	C10
	KF04D1-30-L	30	350	G 3/8"	C11

PRODUCT SELECTION GUIDE

产品目录

YG SERIES YG系列

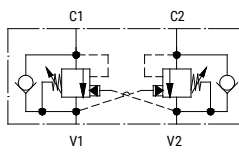
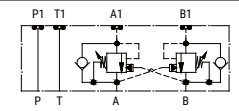
C&L 伦联机电
HYDRAULICS-ELECTRONICS

Earthmoving machine 土方机械

	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Ports 油口	Page 页码
	YG01B1-50	50	420	G 3/8"	D1
	YG01B2-50	50	420	G 3/8"	D2
	YG02B1-150	150	420	SAE 1/2" 6000psi	D3
	YG02B1-250	250	420	SAE 3/4" 6000psi	D4

CB SERIES CB系列

Counterbalance valve 常规平衡阀

	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Ports 油口	Page 页码
	CBFD.000.41.A03	60	350	G 3/8"	E1
	CBFD.000.41.A04	80	350	G 1/2"	E2
	CBFD.H00.51.A04	80	450	G 1/2"	E3
	CBPD.000.41.A03	60	350	G 3/8"	E4
	CBPD.000.41.A04	80	350	G 1/2"	E5
	CBZD.000.41.Z06	25	350	NS6	E6
	CBZD.X0X	60	350	NS6	E7

PRODUCT SELECTION GUIDE

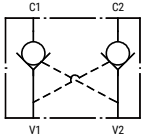
产品目录

PC SERIES PC系列

C&L 伦联机电

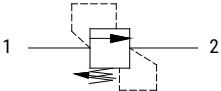
HYDRAULICS+ELECTRONICS

Hydraulic lock 液压锁

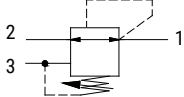
	Code	Flow 流量	P. max	Ports	Page
	产品型号	(L/min)	最大工作压力 (bar)	油口	页码
	PCFD.001.78.A03	30	350	G 3/8"	F1
	PCFD.A02.78.A03	40	350	G 3/8"	F2
	PCPD.000.01.A03	30	350	G 3/8"	F3
	PCPD.001.78.A03	30	350	G 3/8"	F4

CARTRIDGE VALVES 插装阀

Relief valves 溢流阀

	Code	Flow 流量	P. max	Cavity	Page
	产品型号	(L/min)	最大工作压力 (bar)	腔孔	页码
	RV01.S08	25	420	SAE08	G1
	RV01.M20	30	420	CL-M20	G2
	RV01.M22	50	350	CL-M22	G3
	RV01.S10	80	350	SAE10	G4

Pressure reducing valves 减压阀

	Code	Flow 流量	P. max	Cavity	Page
	产品型号	(L/min)	最大工作压力 (bar)	腔孔	页码
	PR01.S08	20	350	SAE08-2	G5

PRODUCT SELECTION GUIDE

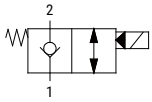
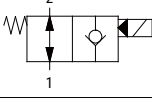
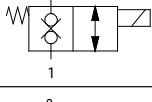
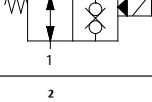
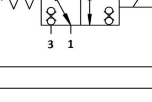
产品目录

CARTRIDGE VALVES 插装阀

C&L 伦联机电

HYDRAULICS-ELECTRONICS

Solenoid valves 电磁阀

	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Cavity 腔孔	Page 页码
	SV21.S08	40	350	SAE08	G12
	SV21.S10	80	350	SAE10	G13
	SV21.S12	150	350	SAE12	G14
	SV22.S08	40	350	SAE08	G15
	SV22.S10	80	350	SAE10	G16
	SV23.S08	40	350	SAE08	G17
	SV24.S08	40	350	SAE08	G18
	SV34.S10	20	250	SAE10-2	G19

Coils 线圈 H1-H3

Cavities 腔孔

Code 型号	Type of cavity 腔孔类型	Page 页码
SAE08	3/4-16 UNF-2B	I1
SAE08-2	3/4-16 UNF-2B	
SAE10	7/8-14 UNF-2B	
SAE10-2	7/8-14 UNF-2B	
SAE12	1-1/16-12 UNF-2B	I2
CL-M18	M18x1.5	
CL-M20	M20x1.5	
CL-M22	M22x1.5	I3
CL-001/CL-002/CL-003/CL-004	-	

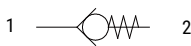
PRODUCT SELECTION GUIDE

产品目录

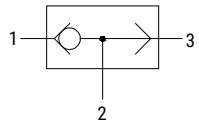
CARTRIDGE VALVES 插装阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

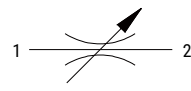
Check valves 单向阀

	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Cavity 腔孔	Page 页码
	CV01	-	350	-	G6
	CV02.S08	50	420	SAE08	G7
	CV02.S10	80	420	SAE10	G8
	CV02.S12	120	420	SAE12	G9

Shuttle valves 止停阀

	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Cavity 腔孔	Page 页码
	LS02.M18	15	350	CL-M18	G10

Flow control valves 流量控制阀

	Code 产品型号	Flow 流量 (L/min)	P. max 最大工作压力 (bar)	Cavity 腔孔	Page 页码
	FC01.S08	40	350	SAE08	G11

适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS+ELECTRONICS

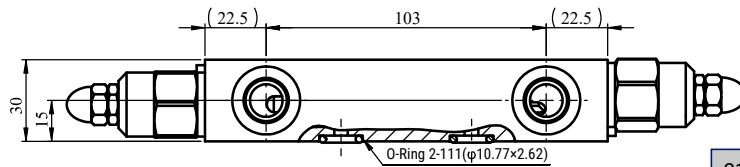
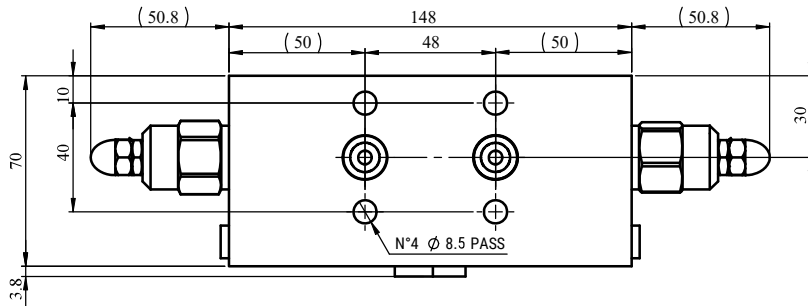
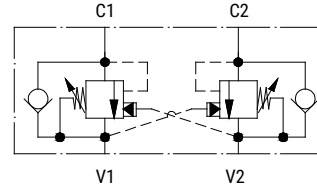
NW01A1-SL

FLANGED MOUNTING 板式安装

TECHNICAL DATA

技术参数

Nominal flow	5L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	300bar	设定压力
Pilot ratio	8.5:1	先导比
Body Material	Aluminium Alloy 铝合金	阀体材料



	Ports 油口
C1/C2	φ5
V1/V2	G 3/8"

Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

NW01

A1

-

SL

适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

NW01B1-SL

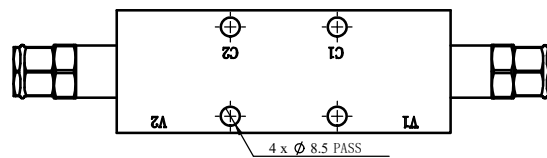
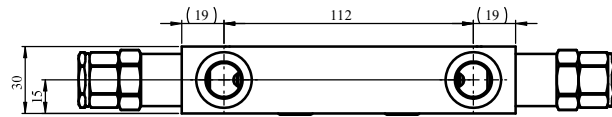
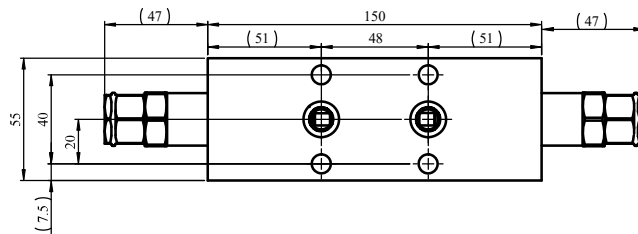
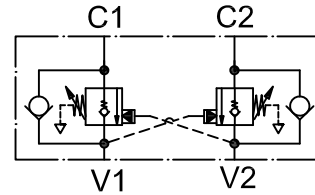
FLANGED MOUNTING 板式安装

C&L 伦联机电
HYDRAULICS • ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	60L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	20bar	设定压力
Pilot ratio	1:0	先导比
Body Material	Steel	阀体材料



	Ports 油口
C1/C2	φ9
V1/V2	G 3/8"

ORDERING CODE 订货编码

NW01 **B1** - **S L**

适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

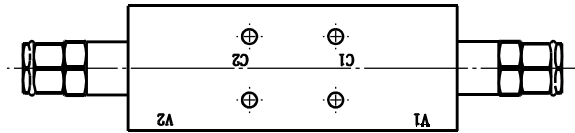
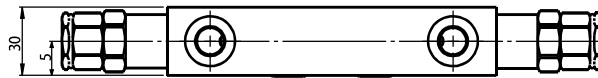
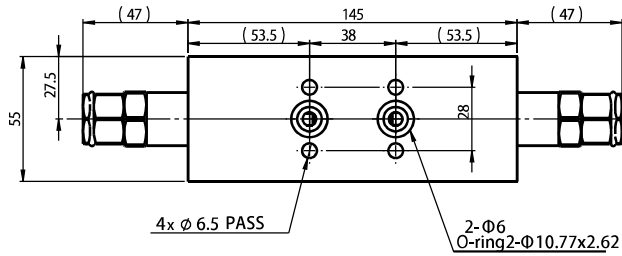
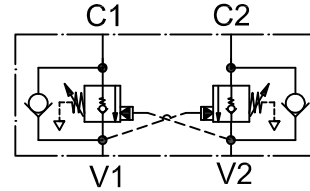
NW01C1-SL

FLANGED MOUNTING 板式安装

TECHNICAL DATA

技术参数

Nominal flow	40L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	20bar	设定压力
Pilot ratio	1:0	先导比
Body Material	Steel 钢	阀体材料



	Ports 油口
C1/C2	φ5
V1/V2	G 1/4"

Note:
注意
Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

NW01 **C1** - **SL**

适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

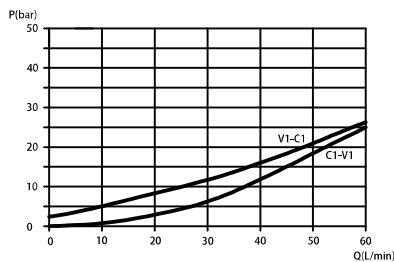
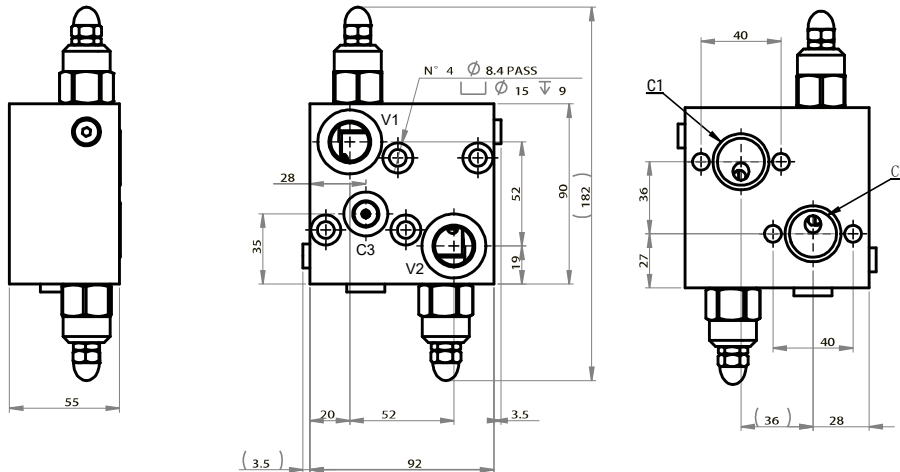
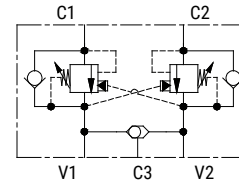
NW02A1-RO.A

FLANGED MOUNTING 板式安装

TECHNICAL DATA

技术参数

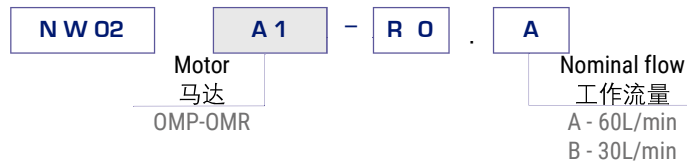
Nominal flow	60L/min	工作流量
Max. working pressure	250bar	最大工作压力
Setting pressure	200bar	设定压力
Pilot ratio	4.25:1	先导比
Body Material	Aluminium 铝	阀体材料



Note:
注意
Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

Ports 油口	
V1/V2	G 1/2"
C3	G 1/4"

ORDERING CODE 订货编码



适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

NW02A2-RO.A

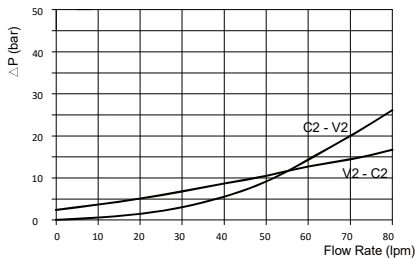
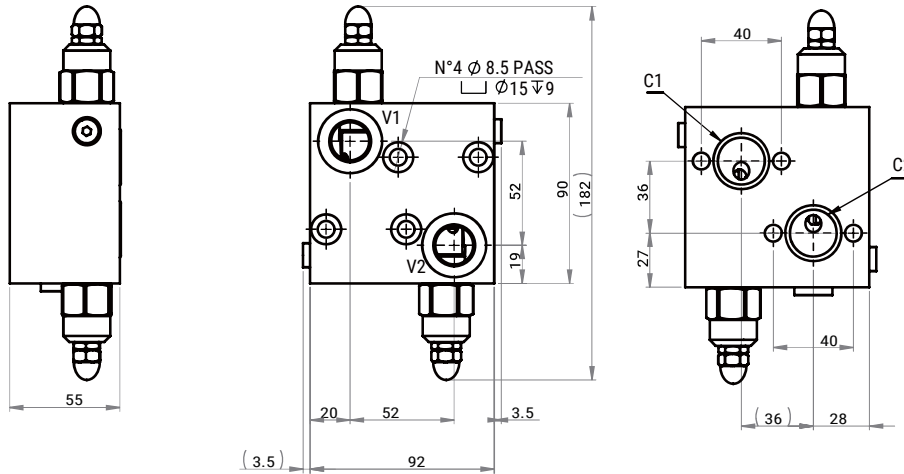
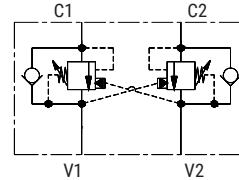
FLANGED MOUNTING 板式安装

C&L 伦联机电
HYDRAULICS-ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	60L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	20bar	设定压力
Pilot ratio	4.25:1	先导比
Body Material	Aluminium alloy 铝合金	阀体材料



Note:
注意
Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

Ports 油口	
V1/V2	G 1/2"
C3	G 1/4"

ORDERING CODE 订货编码



适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

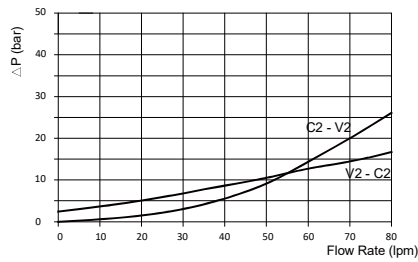
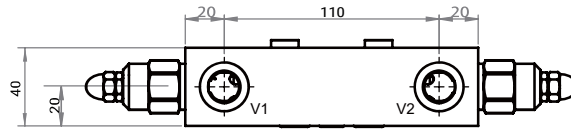
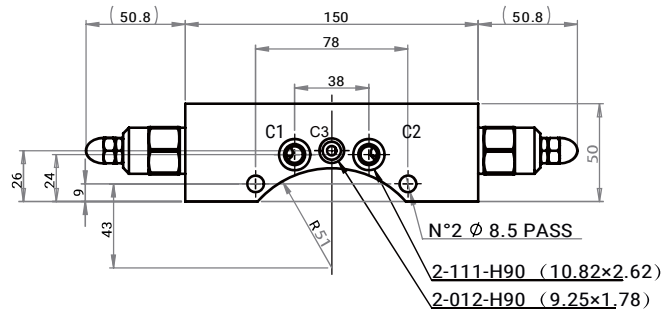
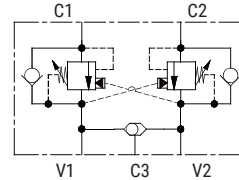
NW02B1-RO.A

FLANGED MOUNTING 板式安装

TECHNICAL DATA

技术参数

Nominal flow	60L/min	工作流量
Max. working pressure	250bar	最大工作压力
Setting pressure	200bar	设定压力
Pilot ratio	4.25:1	先导比
Body Material	Aluminium alloy 铝合金	阀体材料



Ports 油口
V1/V2 G 3/8"

ORDERING CODE 订货编码



适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

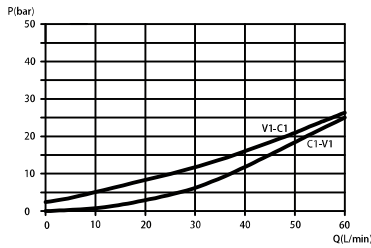
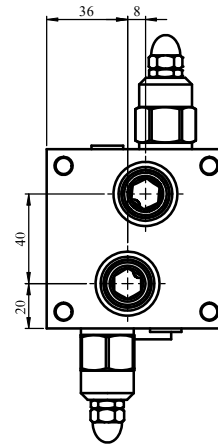
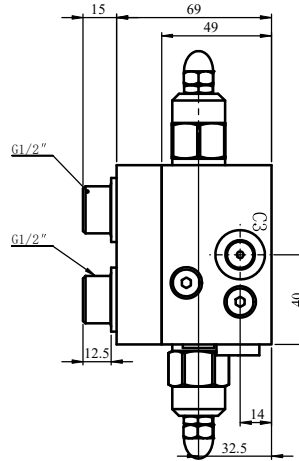
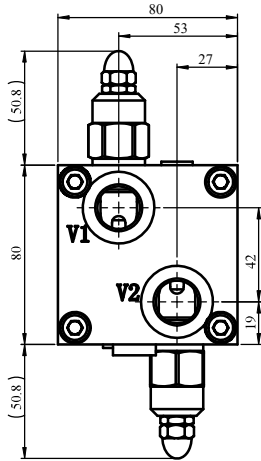
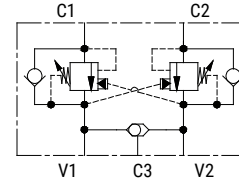
NW02D1-RO.A

FLANGED MOUNTING 板式安装

TECHNICAL DATA

技术参数

Nominal flow	60L/min	工作流量
Max. working pressure	250bar	最大工作压力
Setting pressure	200bar	设定压力
Pilot ratio	4.25:1	先导比
Body Material	Aluminium alloy 铝合金	阀体材料



Note:
注意
Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

Ports 油口	
V1/V2	G 1/2"
C3	G 1/4"

ORDERING CODE 订货编码

NW02 D1 - RO . A

Nominal flow
工作流量
A - 60L/min
B - 30L/min

适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS+ELECTRONICS

NW03A1-ST.A

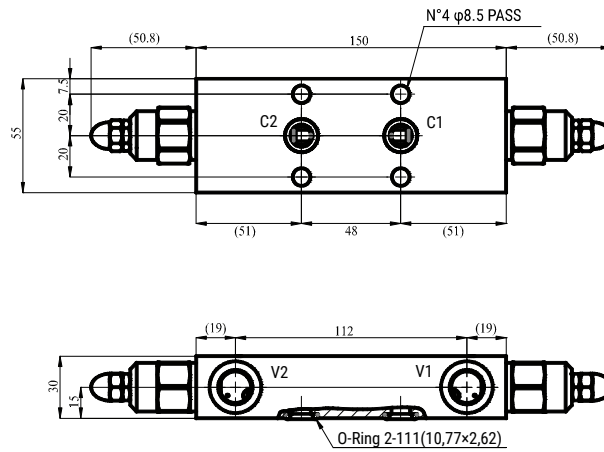
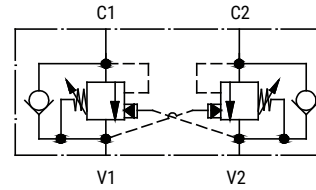
FLANGED MOUNTING 40x80 板式安装

TECHNICAL DATA

技术参数

Nominal flow 40L/min
Max. working pressure 350bar
Setting pressure 350bar
Pilot ratio 4.25:1
Body Material Steel 钢

工作流量
最大工作压力
设定压力
先导比
阀体材料



Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

	Ports 油口
V1/V2	G 3/8"

ORDERING CODE 订货编码

NW03 - **A1** - **ST** . **A**

Nominal flow
工作流量

A - 40L/min

D - 8L/min

适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS+ELECTRONICS

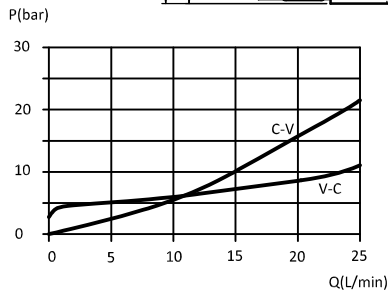
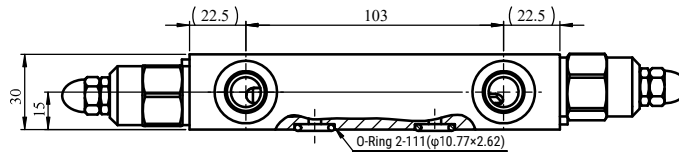
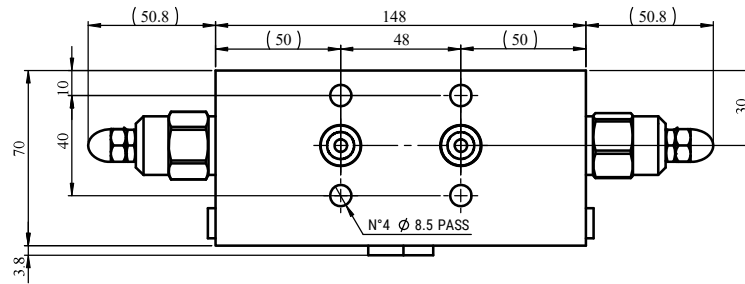
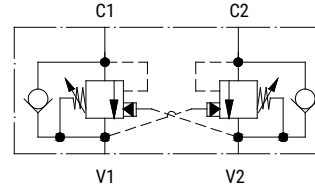
NW03B1-ST

FLANGED MOUNTING 板式安装

TECHNICAL DATA

技术参数

Nominal flow	25L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	300bar	设定压力
Pilot ratio	8.5:1	先导比
Body Material	Aluminium alloy 铝合金	阀体材料



Note:
注意
Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

	Ports 油口
C1/C2	φ5
V1/V2	G 3/8"

ORDERING CODE 订货编码

NW03 **B1** - **ST**

适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

NW04B1-ST

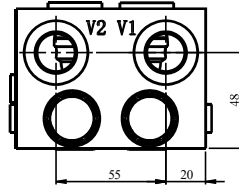
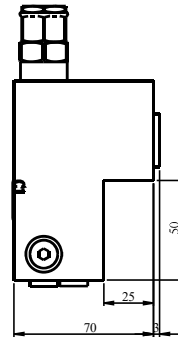
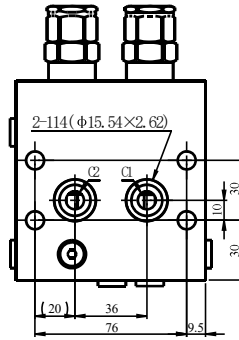
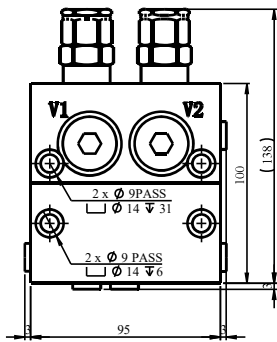
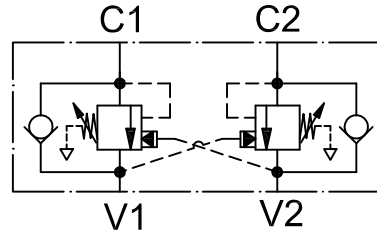
FLANGED MOUNTING 板式安装

TECHNICAL DATA

技术参数

Nominal flow 20L/min
Max. working pressure 350bar
Setting pressure 300bar
Pilot ratio 4.25:1
Body Material Aluminium 铝

工作流量
最大工作压力
设定压力
先导比
阀体材料



Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

	Ports 油口
V1/V2	G 1/2"

ORDERING CODE 订货编码

NW04

B1

-

ST

适用于高空作业车
DUAL COUNTERBALANCE VALVE 平衡阀

NW05NS1-40

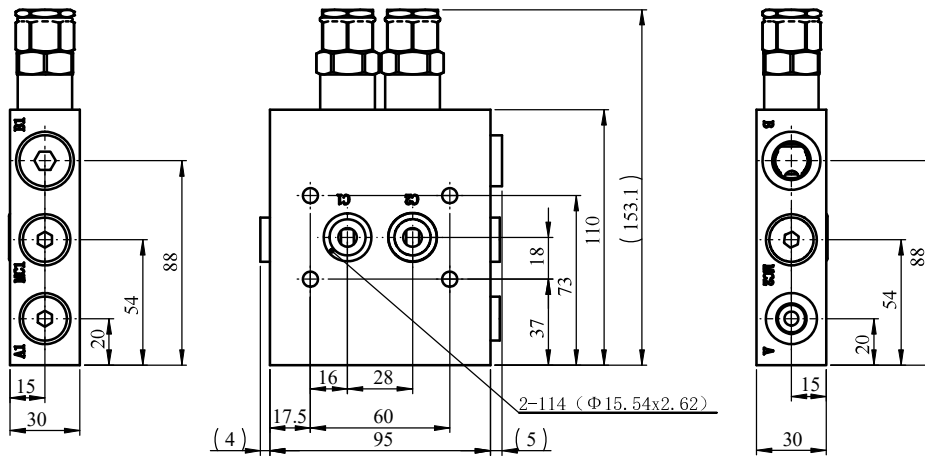
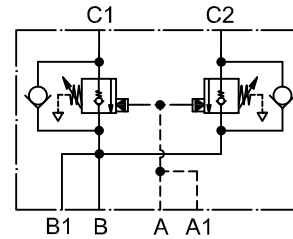
FLANGED MOUNTING 板式安装

C&L 伦联机电
HYDRAULICS-ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	40L/min	工作流量
Max. working pressure	350bar	最大工作压力
Pilot operating pressure	20bar	先导工作压力
Pilot ratio	1:0	先导比
Body Material	Aluminium 铝	阀体材料



Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由足最大负载引起的压力高30%。

	Ports 油口
A/A1	G 1/4"
B/B1	G 3/8"
MC1/MC2	G 1/2"

ORDERING CODE 订货编码

NW05

NS1

-

40

适用于旋挖钻机
DUAL COUNTERBALANCE VALVE 平衡阀

PG01A1-90

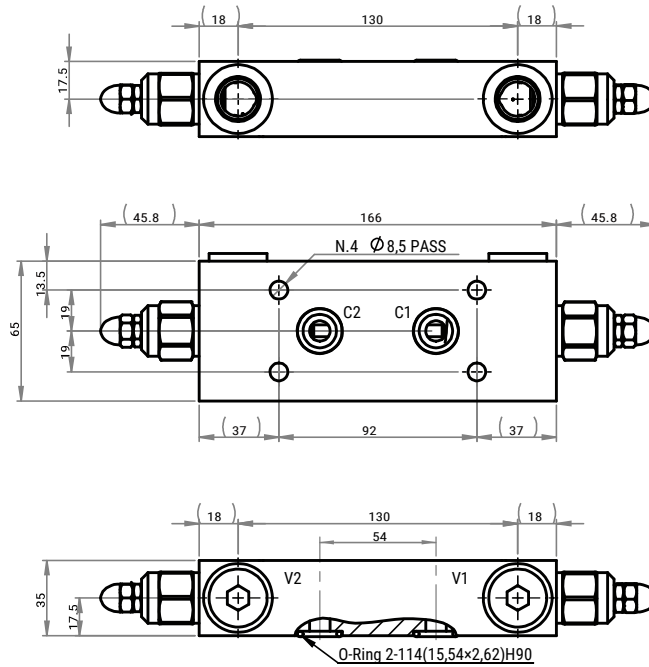
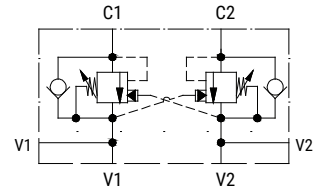
FLANGED MOUNTING 38x92 板式安装

C&L 伦联机电
HYDRAULICS+ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	90L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	230bar	设定压力
Pilot ratio	4.25:1	先导比
Body Material	Steel 钢	阀体材料



	Ports 油口
V1/V2	G 1/2"

Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

PG01A1 - **90**

适用于旋挖钻机
COUNTERBALANCE VALVE 平衡阀

PG02-034

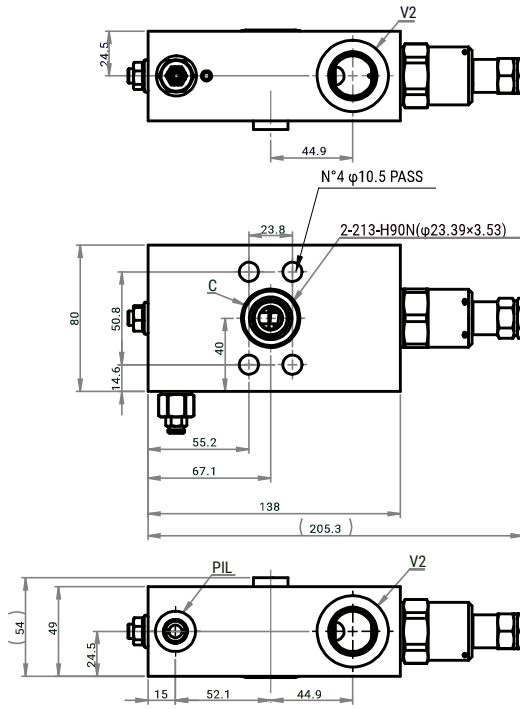
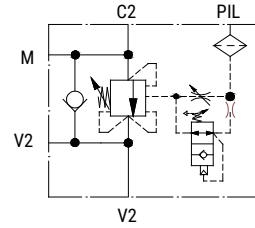
FLANGED MOUNTING SAE 3/4" 6000PSI 板式安装

C&L 伦联机电
HYDRAULICS+ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	120L/min	工作流量
Max. flow	150L/min	最大流量
Max. working pressure	350bar	最大工作压力
Setting range	120-350bar	设定压力范围
Setting pressure	350bar	设定压力
Pilot ratio	6.2:1	先导比
Body Material	Steel	阀体材料



	Ports 油口
V2	G 3/4"
C2	SAE 3/4" 6000PSI
PIL	G 1/4"

Note:

注意
Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

P G - **0 2** - **0 3 4**

适用于旋挖钻机
COUNTERBALANCE VALVE 平衡阀

PG02-100

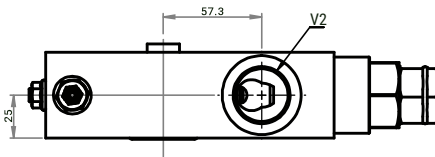
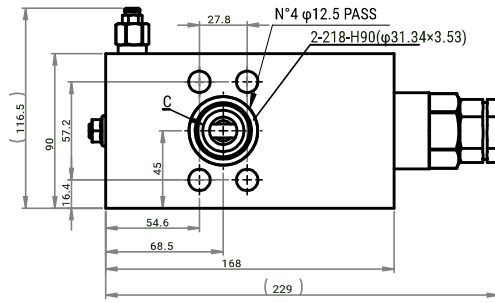
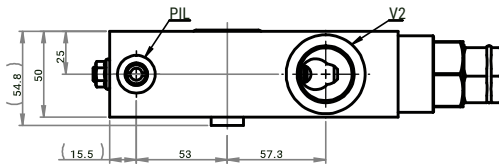
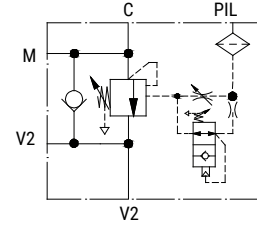
FLANGED MOUNTING SAE 1" 6000PSI 板式安装



TECHNICAL DATA

技术参数

Nominal flow	250L/min	工作流量
Max. flow	300L/min	最大流量
Max. working pressure	350bar	最大工作压力
Setting range	120-350bar	设定压力范围
Setting pressure	350bar	设定压力
Pilot ratio	8:1	先导比
Body Material	Steel 钢	阀体材料



	Ports 油口
V2	G 1"
C	SAE 1" 6000psi
PIL	G 1/4"

Note: 注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

PG 02 - 100

适用于旋挖钻机
COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS+ELECTRONICS

PG03-034-NL

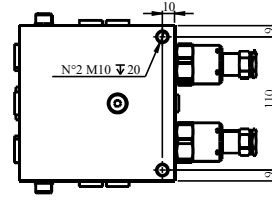
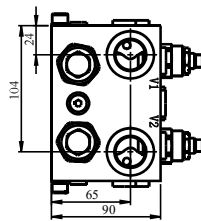
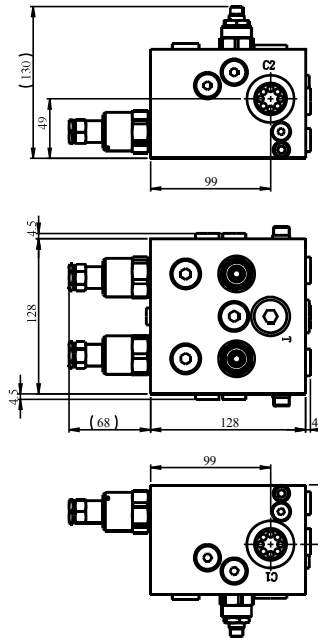
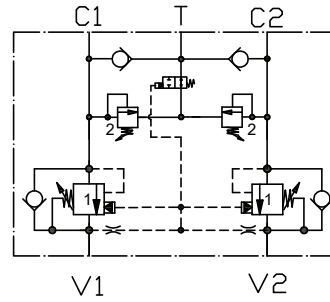
IN LINE 管式安装

TECHNICAL DATA

技术参数

Nominal flow 120L/min
Max. working pressure 350bar
Setting range 100-350bar
Valve 1 Setting pressure 300bar
Valve 2 Setting pressure 120bar
Pilot ratio 3.8:1
Body Material Steel 钢

工作流量
最大工作压力
设定压力范围
阀1设定压力
阀2设定压力
先导比
阀体材料



	Ports 油口
C1/C2/V1/V2	G 3/4"
T	G 1/2"

Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由负载引起的压力高30%。

ORDERING CODE 订购编码

PG - 03 - 034 - NL

Ports
油口
034 - G 3/4"

适用于旋挖钻机
COUNTERBALANCE VALVE 平衡阀

PG03-034-NN

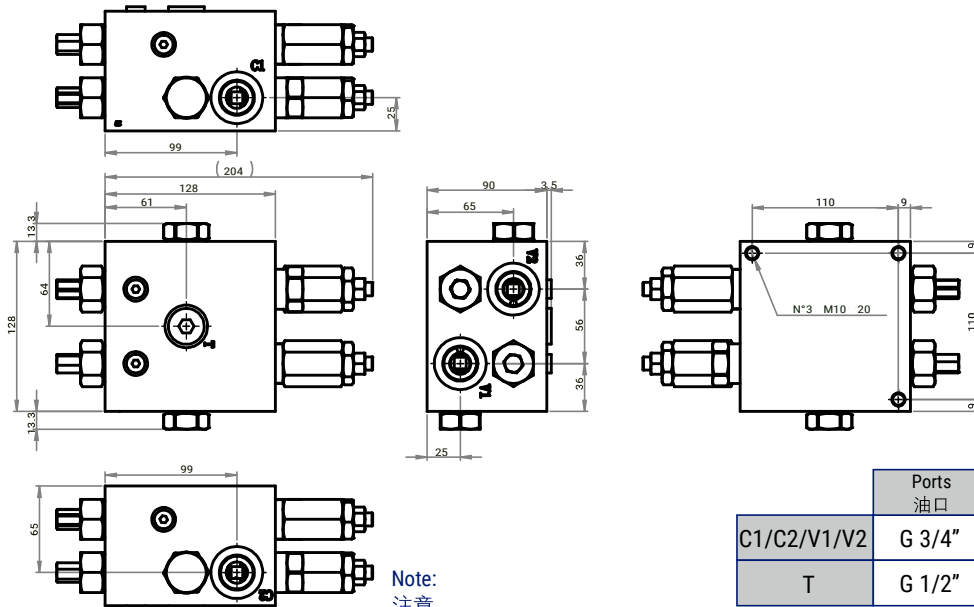
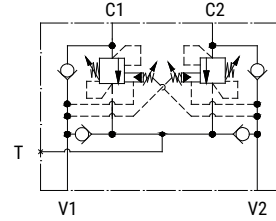
IN LINE 管式安装

C&L 伦联机电
HYDRAULICS-ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	120L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting range	100-350bar	设定压力范围
Valve 1 Setting pressure	300bar	阀1设定压力
Valve 2 Setting pressure	120bar	阀2设定压力
Pilot ratio	7.6:1	先导比
Body Material	Steel 钢	阀体材料



Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编号

PG - 03 - 034 - NN

Ports
油口
034 - G 3/4"

适用于旋挖钻机
COUNTERBALANCE VALVE 平衡阀

PG03-034-SN

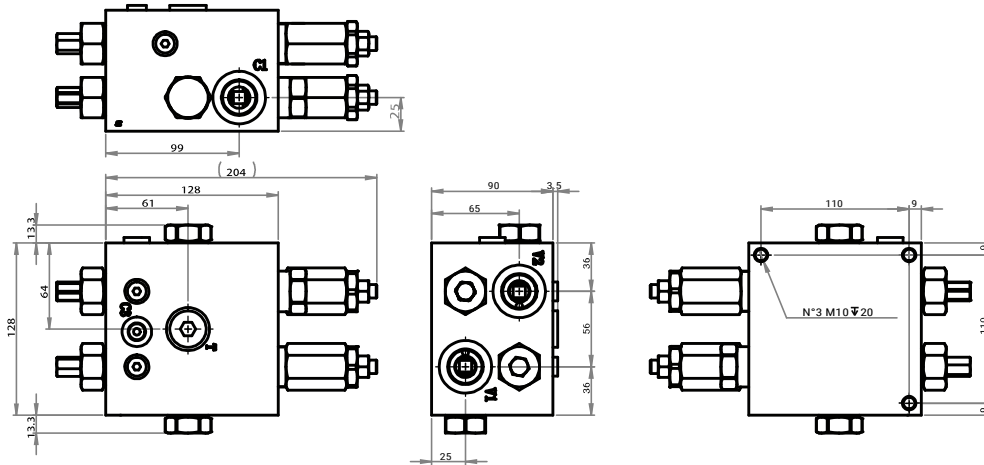
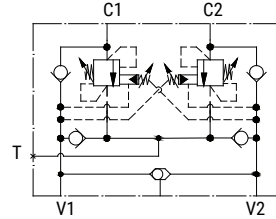
IN LINE 管式安装

C&L 伦联机电
HYDRAULICS • ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	120L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting range	100-350bar	设定压力范围
Valve 1 Setting pressure	300bar	阀1设定压力
Valve 2 Setting pressure	120bar	阀2设定压力
Pilot ratio	7.6:1	先导比
Body Material	Steel 钢	阀体材料



	Ports 油口
C1/C2/V1/V2	G 3/4"
T	G 1/2"

Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

P G **O 3** - **O 3 4** - **S N**

Ports
油口
034 - G 3/4"

适用于混凝土泵车

DUAL COUNTERBALANCE VALVE 平衡阀

KF01-40-H

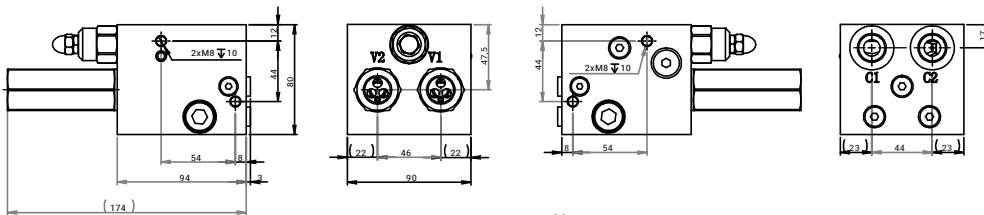
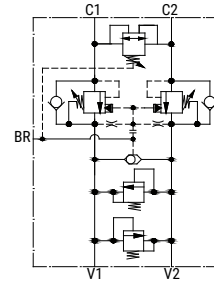


- Motion control, dual setting, with brake release port 运动控制，双重设定，自带制动减压油口
- Start with high pressure, brake with low pressure 高压启动，低压制动
- With safety relief valve 自带安全泄压阀

TECHNICAL DATA

技术参数

Nominal flow	60L/min	工作流量
Max. working pressure	350bar	最大工作压力
Overcenter valve Setting pressure	130bar	平衡阀设定压力
Buffer relief valve Setting pressure	60bar~130bar (Setting 100bar)	缓冲溢流阀设定压力
Safety relief valve Setting pressure	140bar	安全泄压阀设定压力
Pilot ratio	4.25:1	先导比
Body Material	Steel	阀体材料



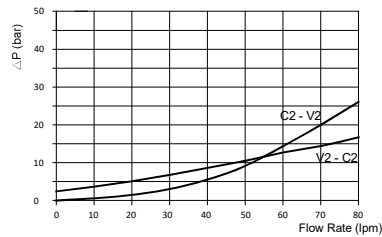
Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

	Ports 油口
V1/V2/C1/C2	G 1/2"
BR	G 1/4"



ORDERING CODE 订货编码

KF **01** - **40** - **H**

H-with safety relief valve
H-自带安全泄压阀

适用于混凝土泵车
DUAL COUNTERBALANCE VALVE 平衡阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

KF01-40-L

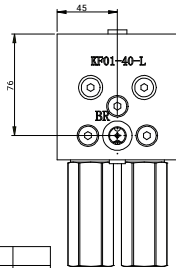
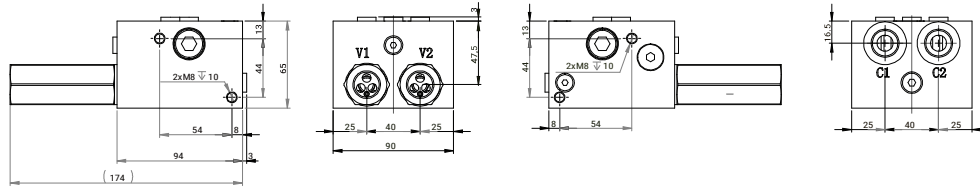
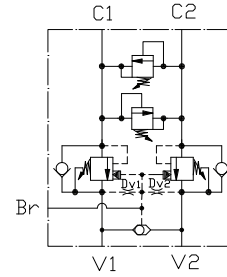
Motion control, dual setting, with brake release port 运动控制，双重设定，自带制动减压油口

TECHNICAL DATA

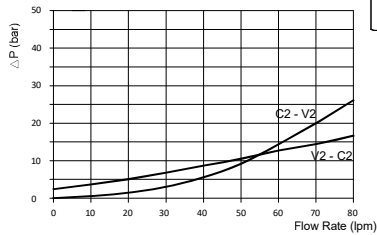
技术参数

Nominal flow	60L/min
Max. working pressure	350bar
Overcenter valve Setting pressure	130bar
Buffer relief valve Setting pressure	100bar
Pilot ratio	4.25:1
Body Material	Steel 钢

工作流量	60L/min
最大工作压力	350bar
平衡阀设定压力	130bar
缓冲溢流阀设定压力	100bar
先导比	4.25:1
阀体材料	Steel 钢



	Ports 油口
V1/V2/C1/C2	G 1/2"
BR	G 1/4"



Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

KF **01** - **40** - **L**

适用于混凝土泵车

SINGLE COUNTERBALANCE VALVE 平衡阀

KF02A1

Adjustable pilot ratio 调节先导比

C&L 伦联机电
HYDRAULICS-ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	See ordering code 详见订货编码	工作流量
Max. working pressure	450bar	最大工作压力
Overcenter valve Setting pressure	See table 1 详见表1	平衡阀设定压力
Geometric pilot ratio	5.3:1	几何先导比
Actual pilot ratio	See table 2 详见表2	实际先导率
Body Material	Steel 钢	阀体材料

Ports	油口
V	G 1/2"
R	G 3/8"
Z/M/PIL	G 1/4"

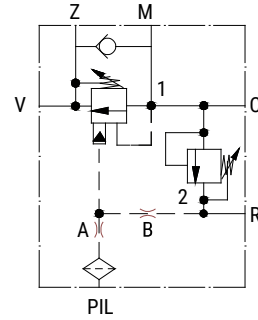
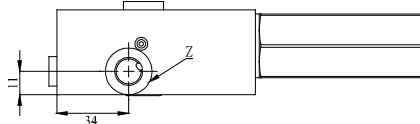


TABLE 1 表1

valve 1	valve 2
0: 300bar	0: 300bar
2: 320bar	2: 320bar
4: 340bar	4: 340bar
6: 360bar	6: 360bar
8: 380bar	8: 380bar
X: 400bar	X: 400bar
Y: 420bar	Y: 420bar
Z: 440bar	Z: 440bar

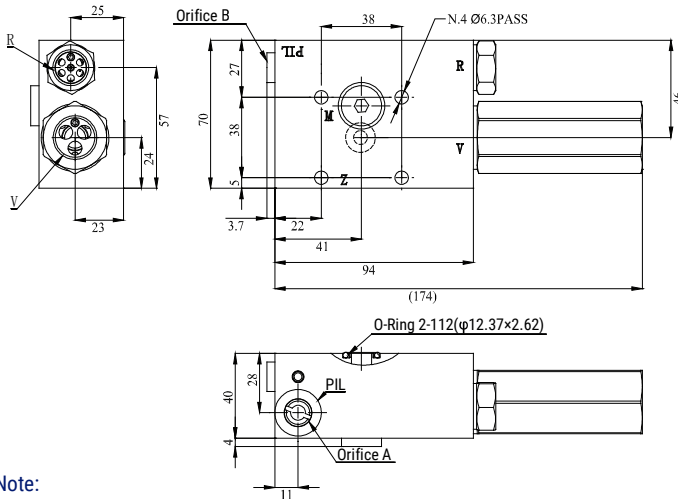


TABLE 2 表2

φ A	φ B	PIL
4: φ0.4	5: φ0.5	1.54
	6: φ0.6	0.87
	7: φ0.7	0.51
	8: φ0.8	0.31
5: φ0.5	5: φ0.5	2.65
	6: φ0.6	1.72
	7: φ0.7	1.09
	8: φ0.8	0.70

Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码



Nominal flow 工作流量

- 16 - 16L/min
- 25 - 25L/min
- 40 - 40L/min
- 60 - 60L/min
- 80 - 80L/min

Orifice configuration
阻尼配置
See table 2
详见表2

Setting Pressure
设定压力
See table 1
详见表1

适用于混凝土泵车

SINGLE COUNTERBALANCE VALVE 平衡阀

KF02A2-60

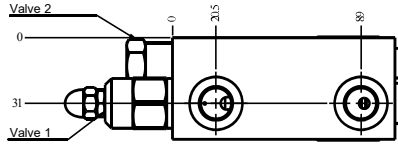
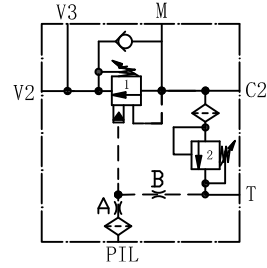
Adjustable pilot ratio 可调整先导比

C&L 伦联机电
HYDRAULICS+ELECTRONICS

TECHNICAL DATA 技术参数

Nominal flow 60L/min
Max. working pressure 450bar
Overcenter valve Setting pressure See table 1 详见表1
Pilot ratio 5.3:1
Actual pilot ratio See table 2 详见表2
Body Material Steel 钢

工作流量
最大工作压力
平衡阀设定压力
先导比
实际先导率
阀体材料



Ports 油口
T G 3/8"
V2/V3/PIL M16*1.5

TABLE 1 表1

valve 1	valve 2
0: 300bar	0: 300bar
2: 320bar	2: 320bar
4: 340bar	4: 340bar
6: 360bar	6: 360bar
8: 380bar	8: 380bar
X: 400bar	X: 400bar
Y: 420bar	Y: 420bar
Z: 440bar	Z: 440bar

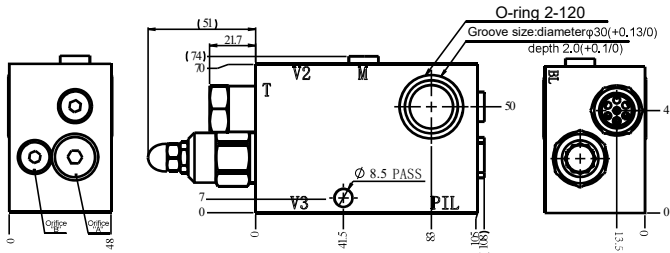


TABLE 2 表2

φ A	φ B	Actual PIL
4: φ0.4	5: φ0.5	1.54
	6: φ0.6	0.87
	7: φ0.7	0.51
	8: φ0.8	0.31
5: φ0.5	5: φ0.5	2.65
	6: φ0.6	1.72
	7: φ0.7	1.09
	8: φ0.8	0.70

Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码



Orifice configuration
阻尼配置
See table 2
详见表2

Setting Pressure
设定压力
See table 1
详见表1

适用于混凝土泵车

SINGLE COUNTERBALANCE VALVE 平衡阀

KF02A2-90

Adjustable pilot ratio 可调整先导比

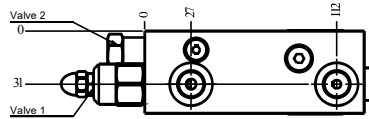
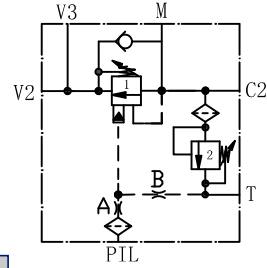
C&L 伦联机电
HYDRAULICS-ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow 90L/min
 Max. working pressure 450bar
 Overcenter valve Setting pressure See table 1 详见表1
 Pilot ratio 5.3:1
 Actual pilot ratio See table 2 详见表2
 Body Material Steel 钢

工作流量 90L/min
 最大工作压力 450bar
 平衡阀设定压力 详见表1
 先导比 5.3:1
 实际先导率 详见表2
 阀体材料 钢



Ports 油口	
T	G 3/8"
V3/PIL	M16*1.5
V2	M27*2

TABLE 1 表1

valve 1	valve 2
0: 300bar	0: 300bar
2: 320bar	2: 320bar
4: 340bar	4: 340bar
6: 360bar	6: 360bar
8: 380bar	8: 380bar
X: 400bar	X: 400bar
Y: 420bar	Y: 420bar
Z: 440bar	Z: 440bar

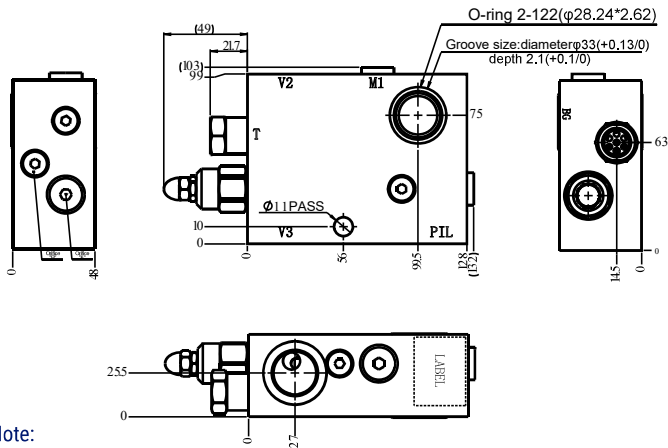


TABLE 2 表2

φ A	φ B	actual PIL
4: φ0.4	5: φ0.5	1.54
	6: φ0.6	0.87
	7: φ0.7	0.51
	8: φ0.8	0.31
5: φ0.5	5: φ0.5	2.65
	6: φ0.6	1.72
	7: φ0.7	1.09
	8: φ0.8	0.70

Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

K F 02 **A 2** - **90** - **5 5** . **Y 8**

Orifice configuration
 阻尼配置
 See table 2
 详见表2

Setting Pressure
 设定压力
 See table 1
 详见表1

适用于混凝土泵车

SINGLE COUNTERBALANCE VALVE 平衡阀

KF02A3-80

Adjustable pilot ratio 可调整先导比

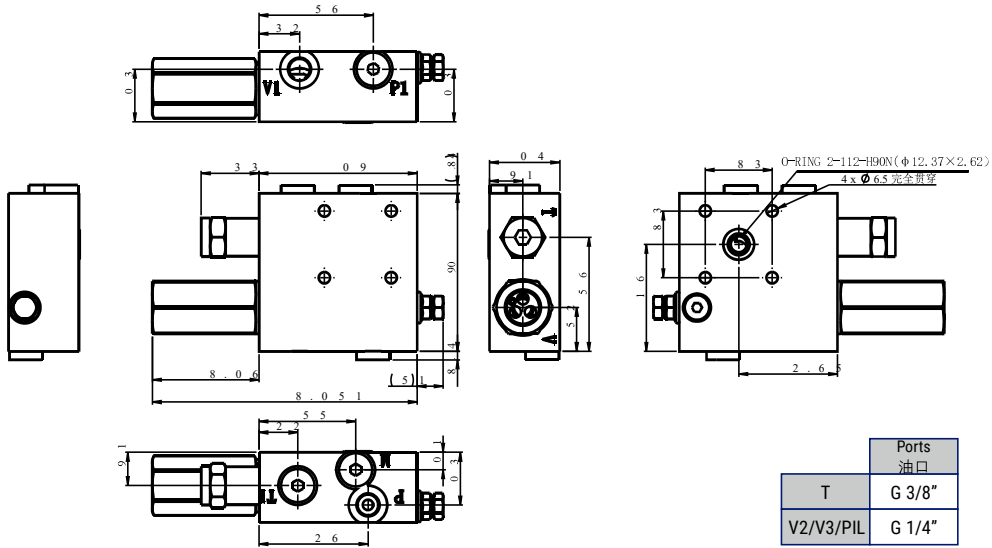
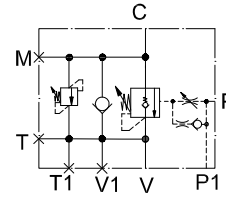
C&L 伦联机电
HYDRAULICS-ELECTRONICS

TECHNICAL DATA

技术参数

Nominal flow	80L/min
Max. working pressure	450bar
Pilot ratio	5.3:1
Body Material	Steel 钢

工作流量	80L/min
最大工作压力	450bar
先导比	5.3:1
阀体材料	钢



Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

K F 02

A 3

-

8 0

适用于混凝土泵车

DUAL COUNTERBALANCE VALVE 平衡阀

KF02B1-20

With adjustable pilot ratio 可调整先导比



TECHNICAL DATA 技术参数

Nominal flow 40L/min
 Max. working pressure 350bar
 Setting pressure range 160-350bar
 Setting pressure 350bar
 Pilot ratio 5.3:1
 Body Material Steel 钢

工作流量
 最大工作压力
 设定压力范围
 设定压力
 先导比
 阀体材料

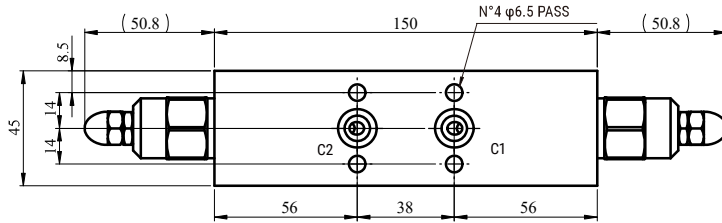
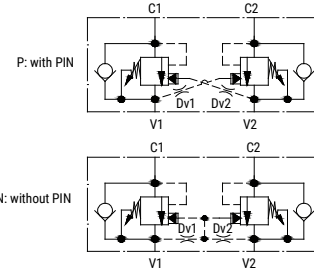


TABLE 1 表1

orifice V1	orifice V2
6: $\phi 0.6$	6: $\phi 0.6$
7: $\phi 0.7$	7: $\phi 0.7$
8: $\phi 0.8$	8: $\phi 0.8$
9: $\phi 0.9$	9: $\phi 0.9$
0: no orifice	0: no orifice

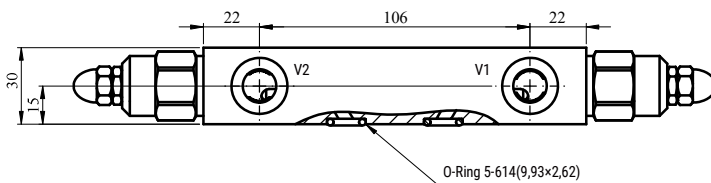


TABLE 2 表2

V1 limit	V2 limit
N: 40L/min	N: 40L/min
B: 25L/min	B: 25L/min
C: 16L/min	C: 16L/min

Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

Ports 油口	
V1/V2	G 1/4"

ORDERING CODE 订货编码



PIN
P-with
N-without

Orifice configuration
阻尼配置
See table 1
详见表1

Limit of flow
流量限制
See table 2
详见表2

适用于混凝土泵车

DUAL COUNTERBALANCE VALVE 平衡阀

KF02B1-40

With adjustable pilot ratio 可调整先导比

C&L 伦联机电
HYDRAULICS-ELECTRONICS

TECHNICAL DATA 技术参数

Nominal flow	60L/min
Max. working flow	80L/min
Max. working pressure	370bar
Setting pressure range	120-370bar
Pilot ratio	4.25:1
Body Material	Steel

工作流量	60L/min
最大工作流量	80L/min
最大工作压力	370bar
设定压力范围	120-370bar
先导比	4.25:1
阀体材料	Steel

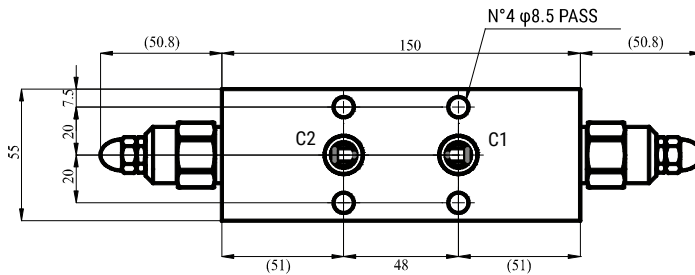
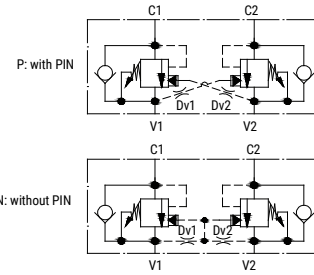


TABLE 1 表1

DV1	DV2
6: φ0.6	6: φ0.6
7: φ0.7	7: φ0.7
8: φ0.8	8: φ0.8
9: φ0.9	9: φ0.9
0: no orifice	0: no orifice

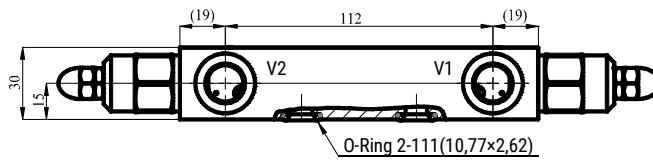
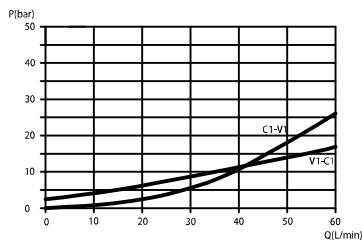


TABLE 2 表2

V1 limit	V2 limit
N: 60L/min	N: 60L/min
A: 40L/min	A: 40L/min
B: 25L/min	B: 25L/min
C: 16L/min	C: 16L/min



Note:

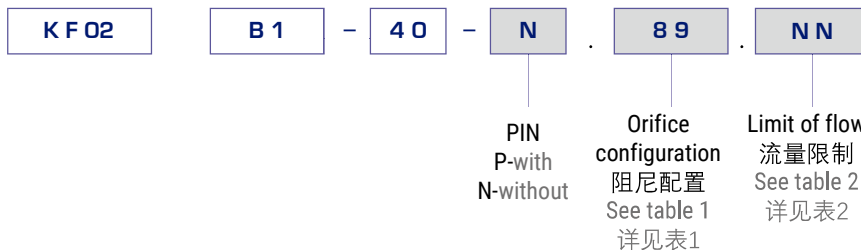
注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

	Ports 油口
V1/V2	G 3/8"

ORDERING CODE 订货编码



适用于混凝土泵车

DUAL COUNTERBALANCE VALVE 平衡阀

KF02B2-40

In line 管式

C&L 伦联机电
HYDRAULICS+ELECTRONICS

TECHNICAL DATA 技术参数

Nominal flow	60L/min	工作流量
Max. working flow	80L/min	最大工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure range	120-350bar	设定压力范围
Pilot ratio	4.25:1	先导比
Body Material	Steel	阀体材料

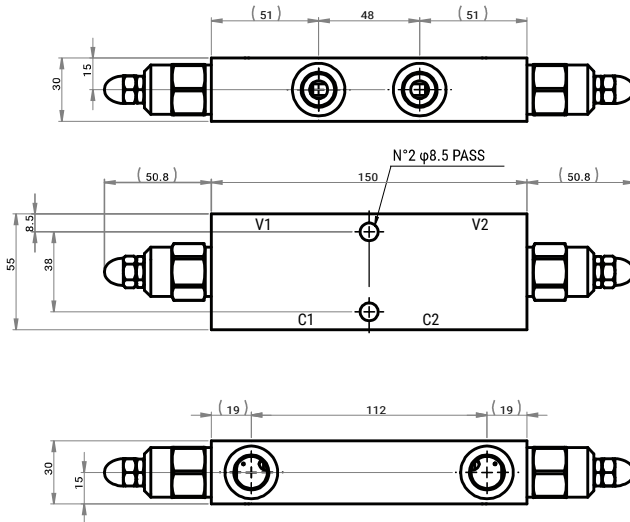
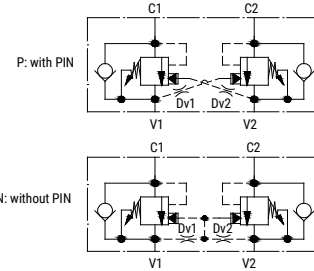


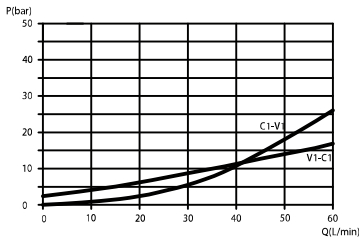
TABLE 1 表1

orifice V1	orifice V2
6: φ0.6	6: φ0.6
7: φ0.7	7: φ0.7
8: φ0.8	8: φ0.8
9: φ0.9	9: φ0.9
0: no orifice	0: no orifice

TABLE 2 表2

V1 limit	V2 limit
N: 60L/min	N: 60L/min
A: 40L/min	B: 40L/min
B: 25L/min	B: 25L/min
C: 16L/min	C: 16L/min

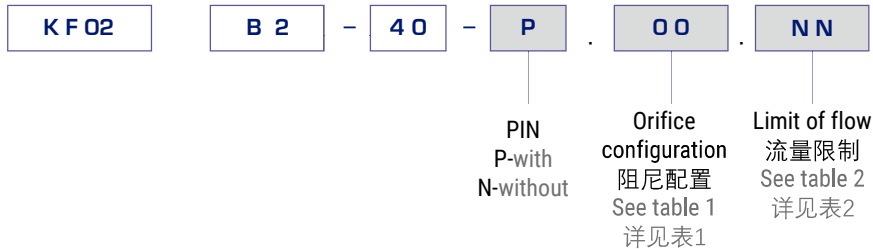
	Ports 油口
C1/C2/V1/V2	G 3/8"



Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码



适用于混凝土泵车

SINGLE COUNTERBALANCE VALVE 平衡阀

KF02C1-40

With adjustable pilot ratio 可调整先导比



TECHNICAL DATA

技术参数

Nominal flow	60L/min	工作流量
Max. working pressure	370bar	最大工作压力
Setting pressure range	60-370bar	设定压力范围
Pilot ratio	4.25:1	先导比
Body Material	Steel 钢	阀体材料

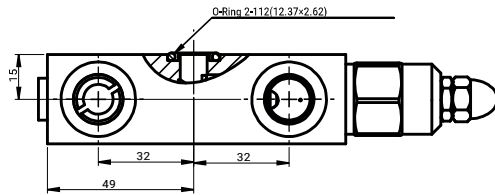
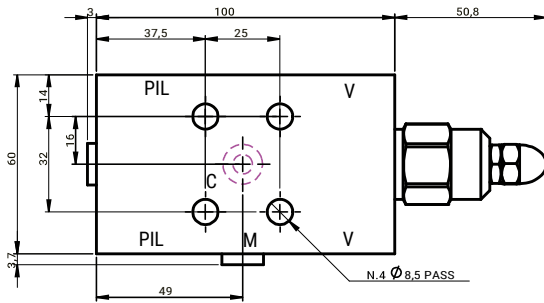
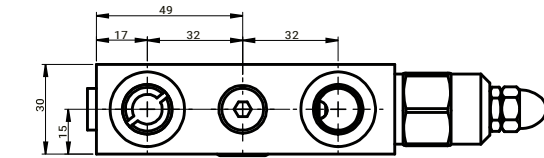
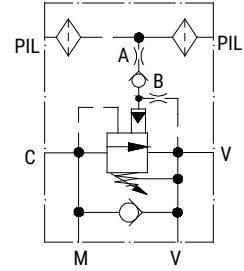
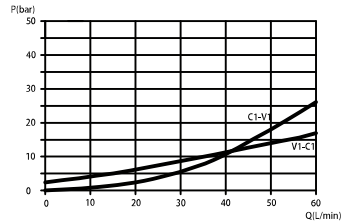


TABLE 1 表1

Orifice A	Orifice B
4: $\phi 0.4$	8: $\phi 0.8$
5: $\phi 0.5$	
6: $\phi 0.6$	
7: $\phi 0.7$	
8: $\phi 0.8$	

	Ports 油口
V1/V2	G 3/8"
C1/C2	$\phi 9$
M	G 1/8"



ORDERING CODE 订货编码

K F 02 **C 1** - **4 0** - **6 8**

Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

Orifice configuration
阻尼配置
See table 1
详见表1

适用于混凝土泵车

DUAL COUNTERBALANCE VALVE 平衡阀

KF04D1-30-L

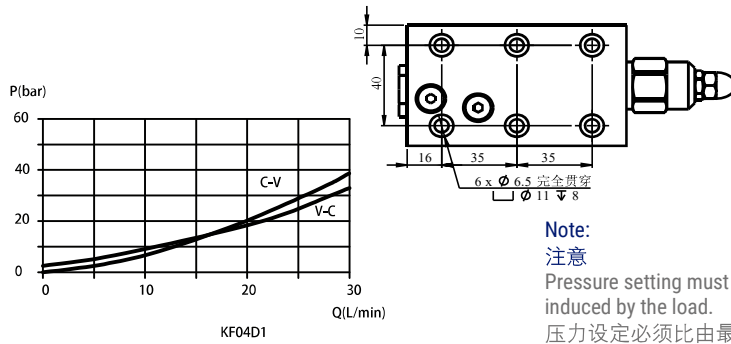
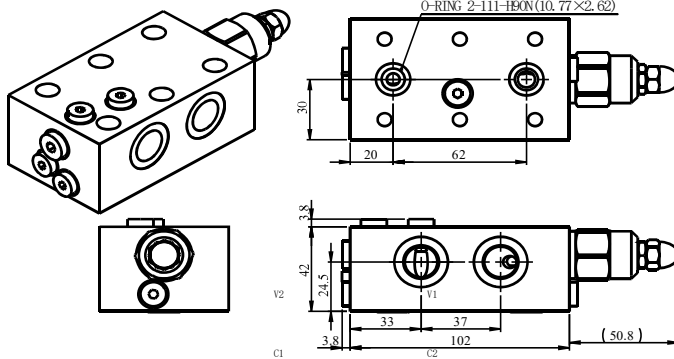
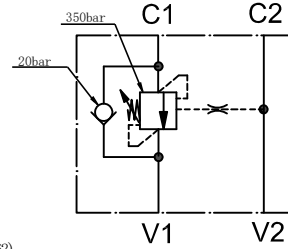
With adjustable pilot ratio 可调整先导比

C&L 伦联机电
HYDRAULICS+ELECTRONICS

TECHNICAL DATA 技术参数

Nominal flow 30L/min
Setting pressure 350bar
Setting pressure range 120bar-350bar
Pilot ratio 4.25:1
Body Material Steel 钢

工作流量
设定压力
设定压力范围
先导比
阀体材料



	Ports 油口
V1/V2	G 3/8"

Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

K F 04 **D 1** - **3 0** - **L**

适用于土方机械
LOAD LOWERING CONTROL VALVE 防爆阀

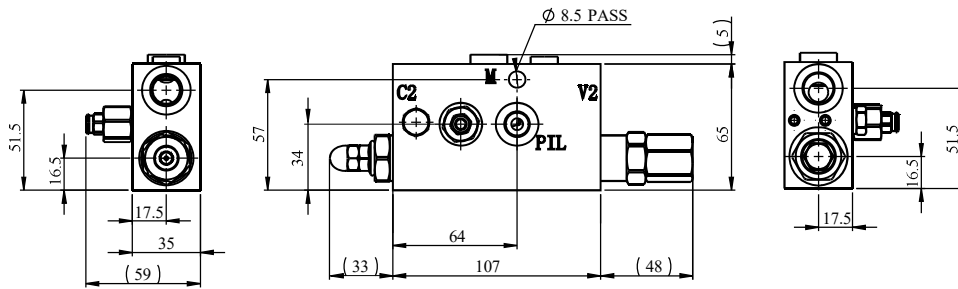
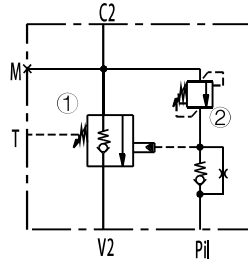
YG01B1-50

IN LINE
管式安装

TECHNICAL DATA 技术参数

Max. flow	50L/min
Max. working pressure	420bar
Vavle 1 cracking pressure	7.5bar
Vavle 1 Adj. pressure range	6-15bar
Vavle 2 setting pressure	350bar(5L/min)
vavle 2 Adj. preesure range	260-450bar
Body Material	Steel 钢
Weight	1.9kg

最大流量	50L/min
最大工作压力	420bar
阀1开启压力	7.5bar
阀1压力可调范围	6-15bar
阀2设定压力	350bar(5L/min)
阀2压力可调范围	260-450bar
阀体材料	Steel 钢
重量	1.9kg



Ports 油口	
V2/C2	G 3/8"
PIL/T/M	G 1/4"

ORDERING CODE 订货编码

YG 01 B1 - 50

适用于土方机械
LOAD LOWERING CONTROL VALVE 防爆阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

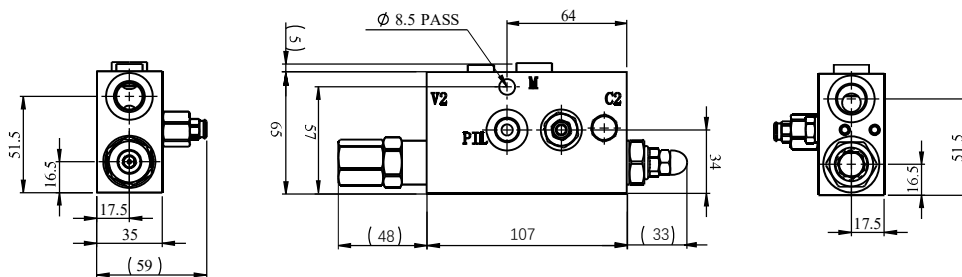
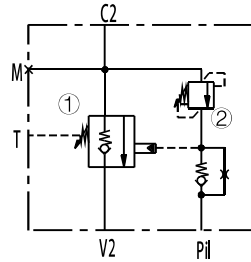
YG01B2-50

IN LINE
管式安装

TECHNICAL DATA 技术参数

Max. flow	50L/min
Max. working pressure	420bar
Vavle 1 cracking pressure	7.5bar
Vavle 1 Adj. pressure range	6-15bar
Vavle 2 setting pressure	350bar(5L/min)
vavle 2 Adj. preesure range	260-450bar
Body Material	Steel 钢
Weight	1.9kg

最大流量	50L/min
最大工作压力	420bar
阀1开启压力	7.5bar
阀1压力可调范围	6-15bar
阀2设定压力	350bar(5L/min)
阀2压力可调范围	260-450bar
阀体材料	Steel 钢
重量	1.9kg



	Ports 油口
V2/C2	G 3/8"
P1L/T/M	G 1/4"

ORDERING CODE 订货编码

YG 01 B2 - 50

适用于土方机械
LOAD LOWERING CONTROL VALVE 防爆阀

C&L 伦联机电
HYDRAULIC-ELECTRONICS

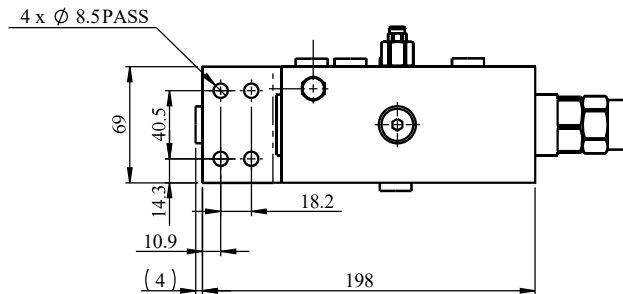
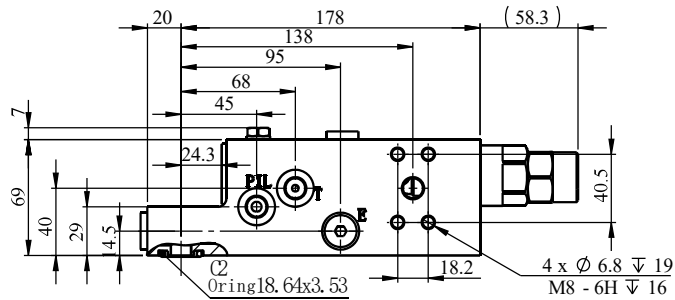
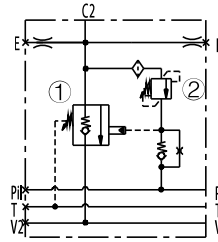
YG02B1-150

FLANGED MOUNTING SAE 1/2" 6000psi 板式安装

TECHNICAL DATA

技术参数

Max. flow	150L/min	最大流量
Max. working pressure	420bar	最大工作压力
Valve 1 cracking pressure	7.5bar	阀1开启压力
Valve 1 Adj. pressure range	6-15bar	阀1压力可调范围
Valve 2 setting pressure	350bar(5L/min)	阀2设定压力
Valve 2 Adj. pressure range	260-450bar	阀2压力可调范围
Body Material	Steel 钢	阀体材料
Weight	7kg	重量



Ports 油口	
V2/C2	SAE 1/2" 6000psi
PIL/T/E	G 1/4"

ORDERING CODE 订货编码

YG 02 B1

-

150

适用于土方机械
LOAD LOWERING CONTROL VALVE 防爆阀

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HYDRAULICS-ELECTRONICS

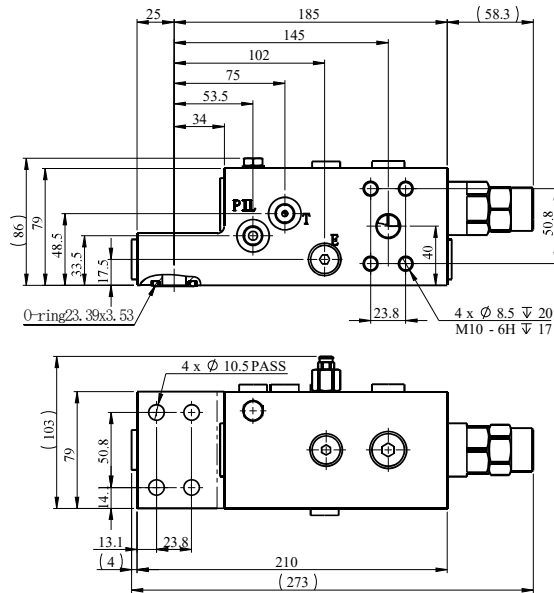
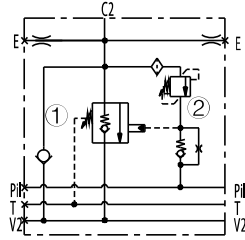
YG02B1-250

FLANGED MOUNTING SAE 3/4" 6000psi 板式安装

TECHNICAL DATA

技术参数

Max. flow	250L/min	最大流量
Max. working pressure	420bar	最大工作压力
Valve 1 cracking pressure	7.5bar	阀1开启压力
Valve 1 Adj. pressure range	6-15bar	阀1压力可调范围
Valve 2 setting pressure	350bar(5L/min)	阀2设定压力
Valve 2 Adj. pressure range	260-450bar	阀2压力可调范围
Body Material	Steel 钢	阀体材料
Weight	8kg	重量



ORDERING CODE 订货编码

YG 02 B1 - **250**

Ports 油口	
V2/C2	SAE 3/4" 6000psi
PIL/T/E	G 1/4"

适用于多种行业

DUAL COUNTERBALANCE VALVE 平衡阀

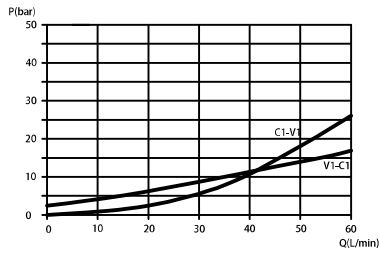
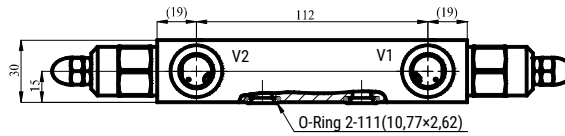
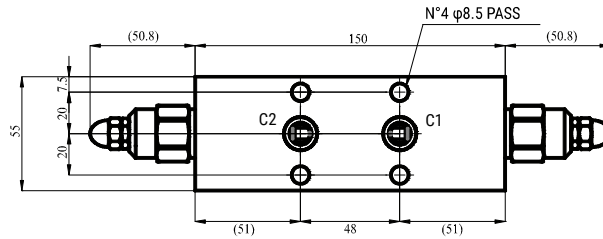
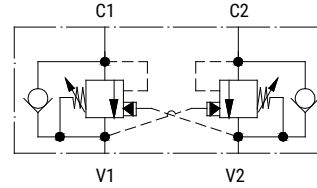
CBFD.000.41.A03

FLANGED MOUNTING 40x48
板式安装

C&L 伦联机电
HYDRAULICS+ELECTRONICS

TECHNICAL DATA 技术参数

Nominal flow	60L/min	工作流量
Max. flow	80L/min	最大流量
Max. working pressure	350bar	最大工作压力
Setting pressure	350bar	设定工作压力
Pilot ratio	4.25:1	先导比
Body Material	Steel	阀体材料



	Ports 油口
V1/V2	G 3/8"

Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

CBFD	.	000	.	4	.	1	.	A	.	03
				Pilot ratio 先导比	Spring range 弹簧压力范围				Ports 油口	
				4 - 4.25:1	1 - 160~350bar				03 - G 3/8"	

适用于多种行业

DUAL COUNTERBALANCE VALVE 平衡阀

CBFD.000.41.A04

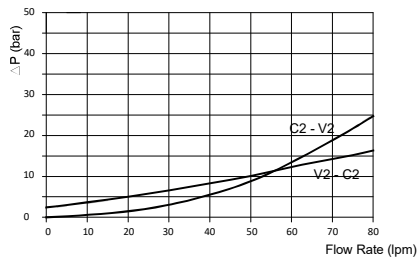
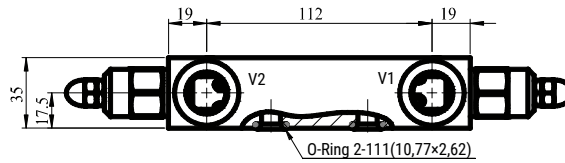
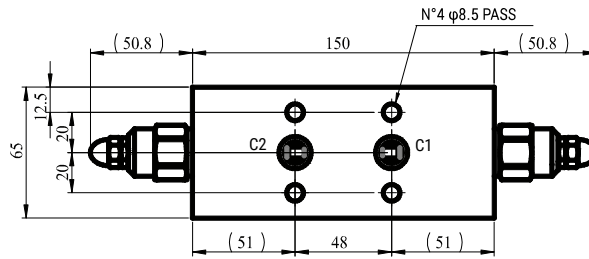
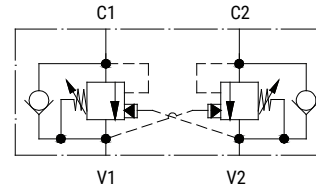
FLANGED MOUNTING 40x48

板式安装

TECHNICAL DATA

技术参数

工作流量	80L/min	Nominal flow
最大工作压力	350bar	Max. working pressure
设定工作压力	350bar	Setting pressure
先导比	4.25:1	Pilot ratio
阀体材料	Steel 钢	Material



	Ports 油口
V1/V2	G 1/2"

Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

CBFD	.	000	.	4	.	1	.	A	.	04
				Pilot ratio 先导比	Spring range 弹簧压力范围				Ports 油口	
				4 - 4.25:1	1 - 160~350bar				04 - G 1/2"	

适用于多种行业

DUAL COUNTERBALANCE VALVE 平衡阀

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HYDRAULICS*ELECTRONICS

CBFD.H00.51.A04

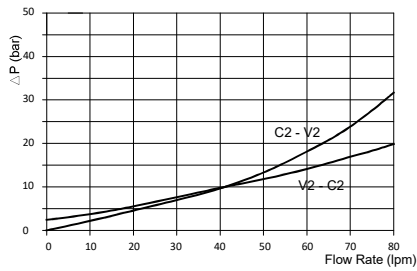
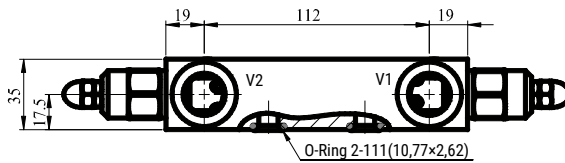
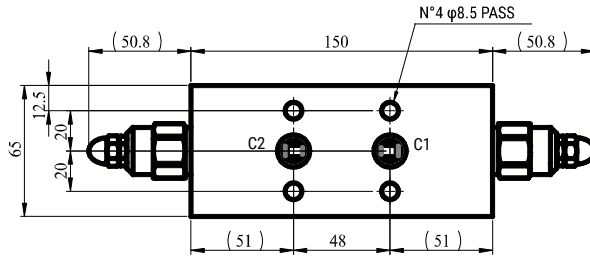
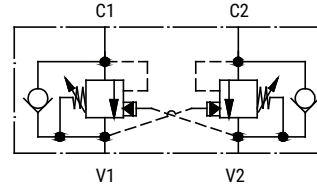
FLANGED MOUNTING 40x48

板式安装

TECHNICAL DATA

技术参数

Nominal flow	80L/min	工作流量
Setting pressure	420bar	设定工作压力
Max. working pressure	450bar	最大工作压力
Pilot ratio	5.3:1	先导比
Body Material	Steel 钢	阀体材料



	Ports 油口
V1/V2	G 1/2"

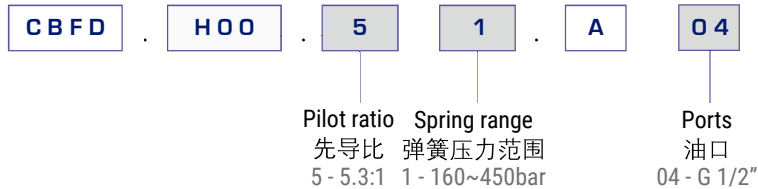
Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码



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E3

适用于多种行业
DUAL COUNTERBALANCE VALVE 平衡阀

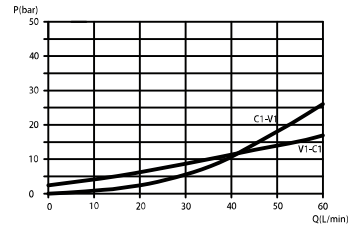
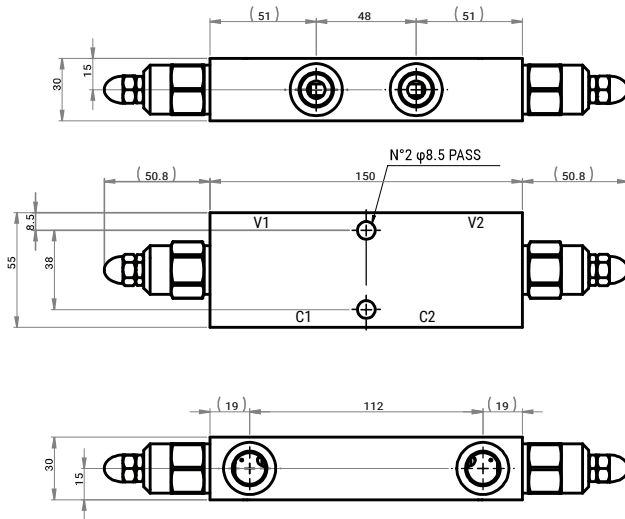
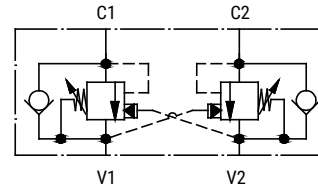
CBPD.000.41.A03

IN LINE
管式安装

TECHNICAL DATA 技术参数

Nominal flow	60L/min	工作流量
Max. flow	80L/min	最大流量
Max. working pressure	350bar	最大工作压力
Setting pressure	350bar	设定压力
Pilot ratio	4.25:1	先导比
Body Material	Steel 钢	阀体材料

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HYDRAULICS-ELECTRONICS

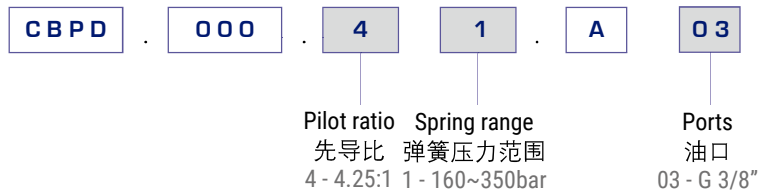


Note:

注意
Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

	Ports 油口
C1/C2/V1/V2	G 3/8"

ORDERING CODE 订货编码



适用于多种行业

DUAL COUNTERBALANCE VALVE 平衡阀

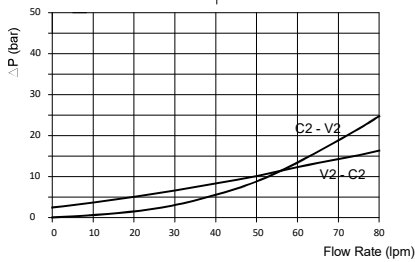
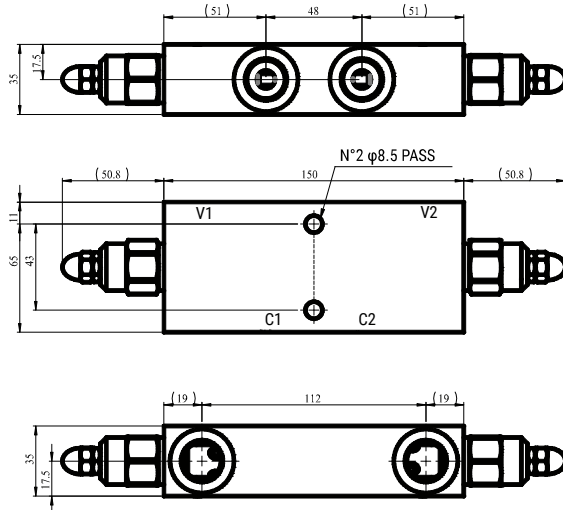
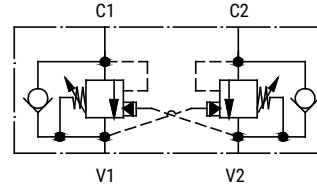
CBPD.000.41.A04

IN LINE
管式安装

TECHNICAL DATA 技术参数

Nominal flow	80L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	350bar	设定压力
Pilot ratio	4.25:1	先导比
Body Material	Steel 钢	阀体材料

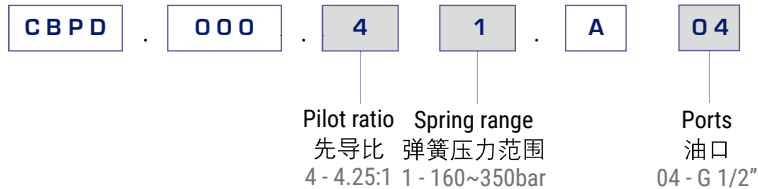
C&L 伦联机电
HYDRAULICS+ELECTRONICS



Note:
注意
Pressure setting must be 30% higher than pressure induced by the load.
压力设定必须比由最大负载引起的压力高30%。

Ports 油口	G 1/2"
V1/V2/C1/C2	

ORDERING CODE 订货编码



适用于多种行业

DUAL COUNTERBALANCE VALVE 平衡阀

CBZD.000.41.Z06

NS 6

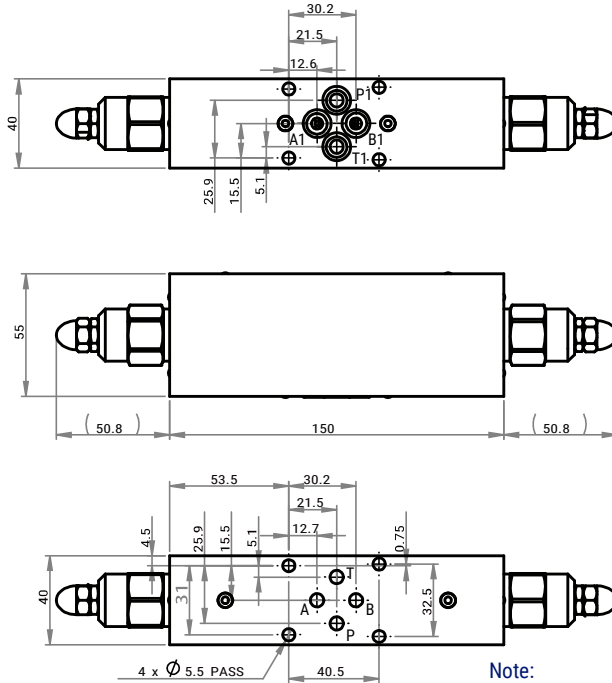
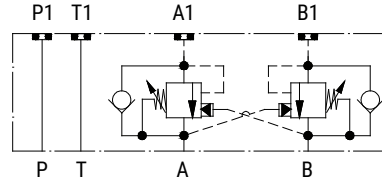
叠加安装

TECHNICAL DATA

技术参数

Nominal flow	25L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	180bar	设定压力
Pilot ratio	4.25:1	先导比
Body Material	Steel 钢	阀体材料
Install standard	ISO 4401-03-02-0-94	安装标准

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HYDRAULICS-ELECTRONICS



Note:
注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

ORDERING CODE 订货编码

CBZD .
 000 .
 4
1 .
 Z
06

Pilot ratio **Spring range**
 先导比 弹簧压力范围
 4 - 4.25:1 1 - 160~350bar

Ports
 油口
 NS 6

适用于多种行业

DUAL COUNTERBALANCE VALVE 平衡阀

CBZD.XOX

C&L 伦联机电
HYDRAULICS+ELECTRONICS

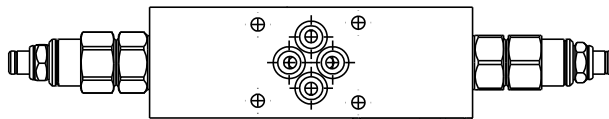
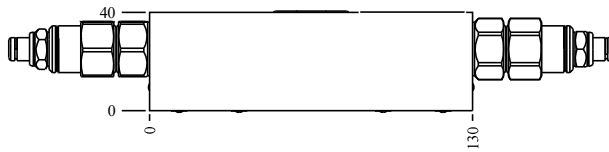
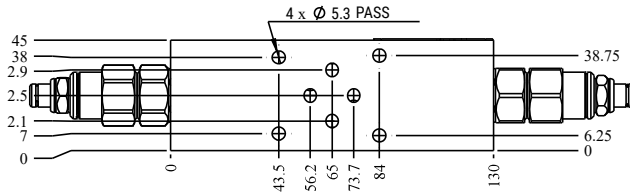
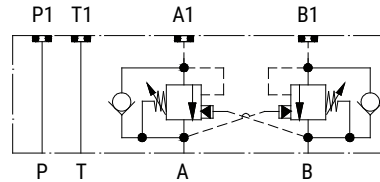
NS 6

叠加安装

TECHNICAL DATA

技术参数

Nominal flow	60L/min	工作流量
Max. working pressure	350bar	最大工作压力
Setting pressure	See table 1见表1	设定压力
Pilot ratio	See table 1见表1	先导比
Body Material	Steel 钢	阀体材料
Install standard	ISO 4401-03-02-0-94	安装标准



Note:

注意

Pressure setting must be 30% higher than pressure induced by the load.

压力设定必须比由最大负载引起的压力高30%。

TABLE 1 表1

	D0D	H0H	I0I
Set. range (bar)	70-280	140-350	140-420
Set. pressure (bar)	260	350	350
Pilot ratio	3:1	4.5:1	5:1

ORDERING CODE 订货编码

CBZD . XOX . 03 . A . 01

See table 1
见表1

Ports
油口
NS 6

常规液压锁

DUAL PILOT OPERATED CHECK VALVE 双向液压锁

C&L 伦联机电
HYDRAULICS-ELECTRONICS

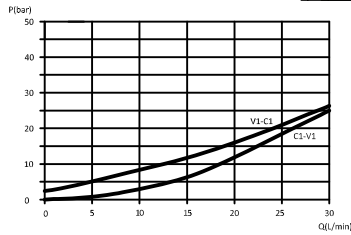
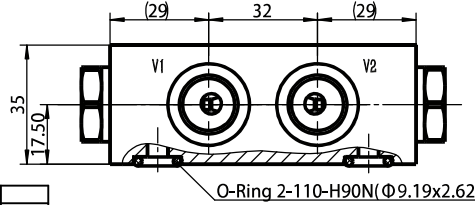
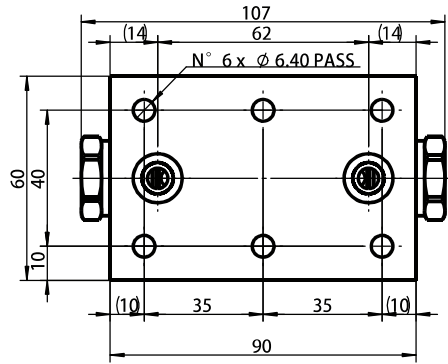
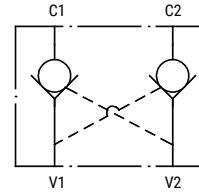
PCFD.001.78.A03

FLANGED MOUNTING 40x70 板式安装

TECHNICAL DATA

技术参数

Nominal flow	30L/min	工作流量
Max. working pressure	350bar	最大工作压力
Cracking pressure	8bar	开启压力
Pilot ratio	7:1	先导比
Body Material	Steel 钢	阀体材料



	Ports 油口
V1/V2	G 3/8"

ORDERING CODE 订货编码

PCFD . 001 . 7 . 8 . A . 03

Pilot ratio
先导比
7 - 7:1

Cracking Pressure
开启压力
8 - 8 bar

Ports
油口
03 - G 3/8"

常规液压锁
DUAL PILOT OPERATED CHECK VALVE 双向液压锁

C&L 伦联机电
HYDRAULICS+ELECTRONICS

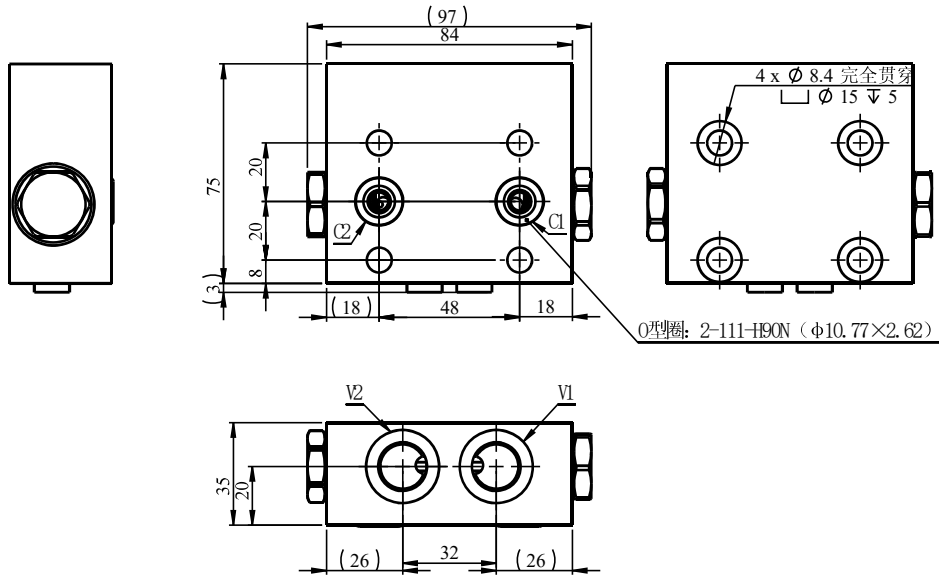
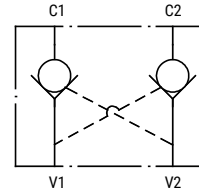
PCFD.A02.78.A03

FLANGED MOUNTING 40x48 板式安装

TECHNICAL DATA

技术参数

Nominal flow	40L/min	工作流量
Max. working pressure	350bar	最大工作压力
Cracking pressure	8bar	开启压力
Pilot ratio	7:1	先导比
Body Material	Steel 钢	阀体材料



O型圈: 2-111-H90N (Φ10.77×2.62)

	Ports 油口
V1/V2	G 3/8"

ORDERING CODE 订货编码

PCFD . A02 . 7 . 8 . A . 03

Pilot ratio
先导比
7 - 7:1

Cracking
Pressure
开启压力
8 - 8 bar

Ports
油口
03 - G 3/8"

常规液压锁
DUAL PILOT OPERATED CHECK VALVE 双向液压锁

C&L 伦联机电
HYDRAULICS-ELECTRONICS

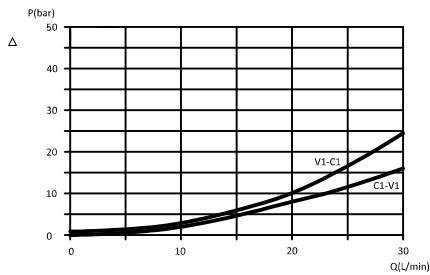
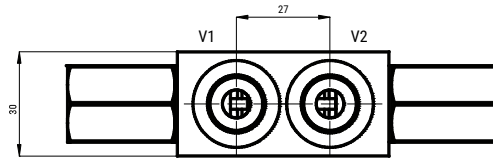
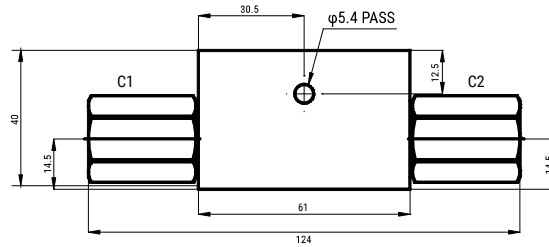
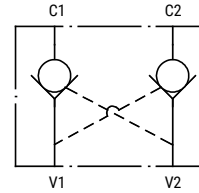
PCPD.000.01.A03

IN LINE 管式安装

TECHNICAL DATA

技术参数

Nominal flow	30L/min	工作流量
Max. working pressure	350bar	最大工作压力
Cracking pressure	1bar	开启压力
Pilot ratio	4:1	先导比
Body Material	Steel 钢	阀体材料



	Ports 油口
V1/V2	G 3/8"
C1/C2	G 3/8"

ORDERING CODE 订货编码

PCPD . 000 . 0 . 1 . A . 03

Cracking Pressure
开启压力
1 - 1 bar

Ports
油口
03 - G 3/8"

常规液锁

DUAL PILOT OPERATED CHECK VALVE 双先导操作止回阀

C&L 伦联机电
HYDRAULICS-ELECTRONICS

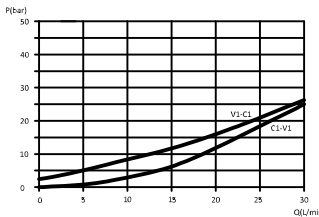
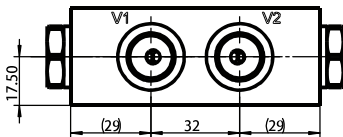
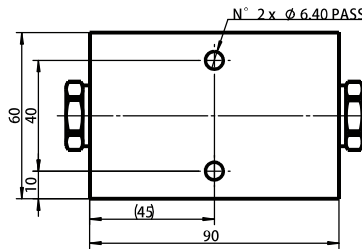
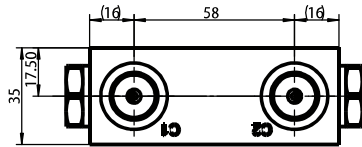
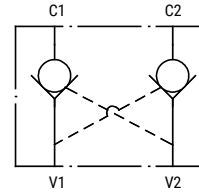
PCPD.001.78.A03

IN LINE 管式安装

TECHNICAL DATA

技术参数

Nominal flow	30L/min	工作流量
Max. working pressure	350bar	最大工作压力
Cracking pressure	8bar	开启压力
Pilot ratio	7:1	先导比
Body Material	Steel 钢	阀体材料



	Ports 油口
V1/V2	G 3/8"

ORDERING CODE 订货编码

PCPD . 001 . 7 . 8 . A . 03

Cracking Pressure
开启压力
8 - 8 bar

Ports
油口
03 - G 3/8"



PRESSURE RELIEF VALVE 溢流阀

RV01.S08

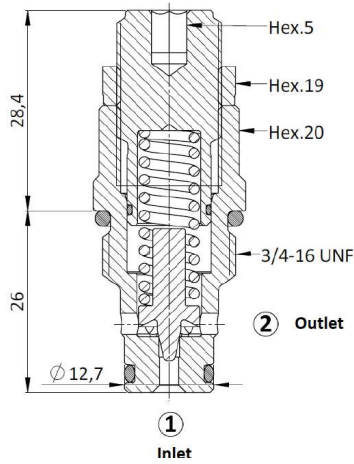
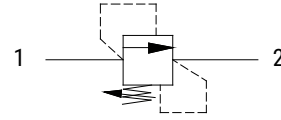
CARTRIDGE TYPE 筒式



TECHNICAL DATA 技术参数

Max. flow	25L/min
Max. working pressure	420bar
Setting pressure	See below table 见下表
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE08
Installation torque	40-45Nm
Weight	0,100kg

最大流量	25L/min
最大工作压力	420bar
设定压力	见下表
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE08
安装扭矩	40-45Nm
重量	0,100kg



p/Q performance

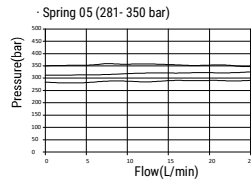
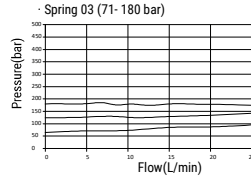
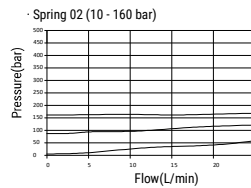
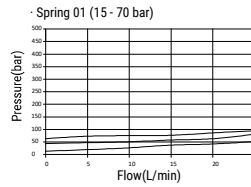
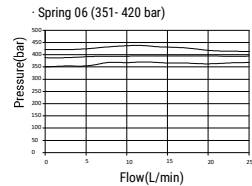
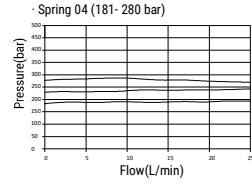


TABLE 1 表1

Spring range (bar) 弹簧范围	
01	15-70
02	10-160
03	71-180
04	181-280
05	281-350
06	351-420

· Recommended



ORDERING CODE 订货编码



Cavity
腔孔
S08= 3/4 16UNF

Spring range
弹簧范围
See table
见表

Pressure Setting
压力设定
000 - No specific
setting required
无特定压力需求

PRESSURE RELIEF VALVE 溢流阀

RV01.M20

CARTRIDGE TYPE 筒式

TECHNICAL DATA

技术参数

Max. flow	30L/min
Max. working pressure	420bar
Setting pressure	See below table见下表
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	CL-M20
Installation torque	40-45Nm
Weight	0,145kg

最大流量	30L/min
最大工作压力	420bar
设定压力	See below table见下表
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	CL-M20
安装扭矩	40-45Nm
重量	0,145kg

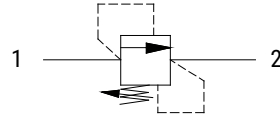
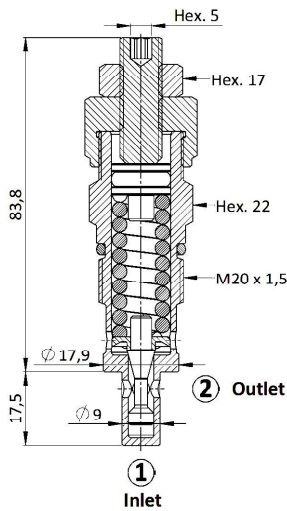
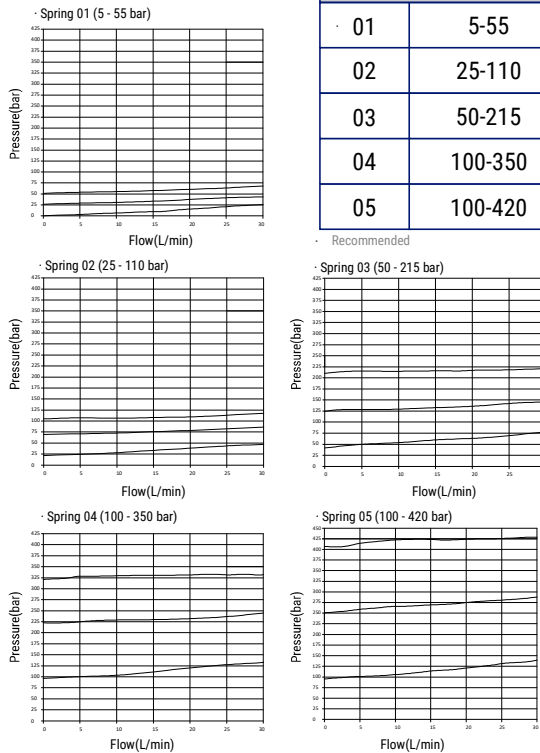


TABLE 1 表1

Spring range (bar)	
01	5-55
02	25-110
03	50-215
04	100-350
05	100-420



p/Q performance



ORDERING CODE 订货编码



Cavity
腔孔
M20= metric标准
M20x1.5

Spring range
弹簧范围
See table
见表

Pressure Setting
压力设定
000 - No specific
setting required
无特定压力需求



PRESSURE RELIEF VALVE 溢流阀

RV01.M22

CARTRIDGE TYPE 筒式



TECHNICAL DATA 技术参数

Max. flow	50L/min
Max. working pressure	350bar
Setting pressure	See below table 见下表
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	CL-M22
Installation torque	40-45Nm
Weight	0,176kg

最大流量	50L/min
最大工作压力	350bar
设定压力	见下表
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	CL-M22
安装扭矩	40-45Nm
重量	0,176kg

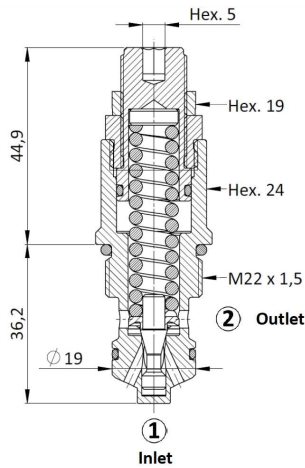
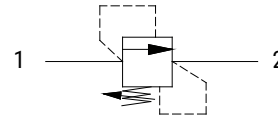
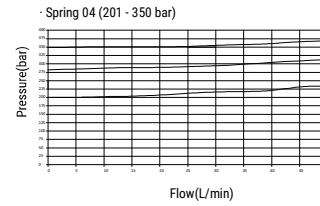
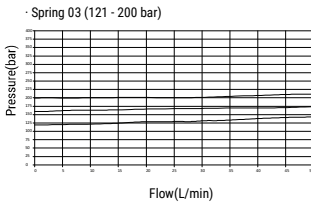
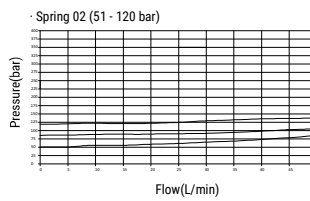
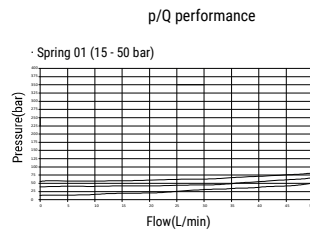


TABLE 1 表1



Spring range (bar)	
01	15-50
02	51-120
03	121-200
04	201-350

· Recommended

ORDERING CODE 订货编码



Cavity
腔孔
M22= metric M22x1.5

Spring range
弹簧范围
See table
见表

Pressure Setting
压力设定
000 - No specific
setting required
无特定压力需求

PRESSURE RELIEF VALVE 溢流阀

RV01.S10

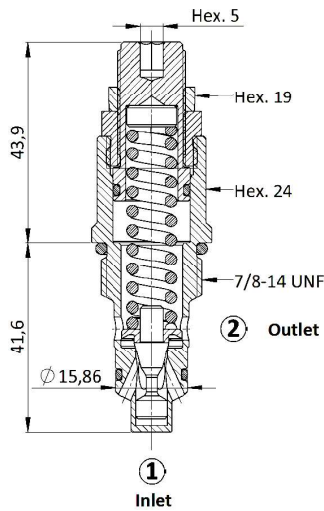
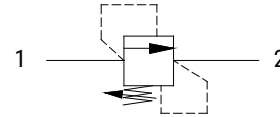
CARTRIDGE TYPE 筒式

TECHNICAL DATA

技术参数

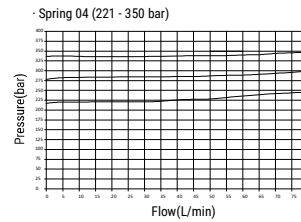
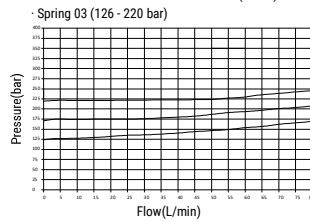
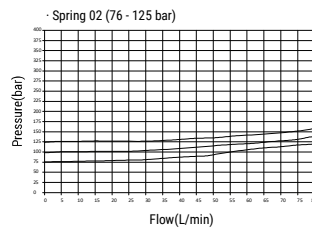
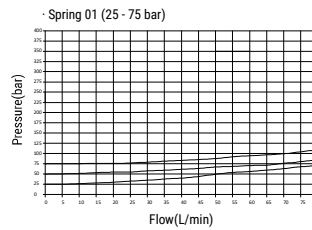
Max. flow	80L/min
Max. working pressure	350bar
Setting pressure	See below table 见下表
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE10-2
Installation torque	40-45Nm
Weight	0,170kg

最大流量	80L/min
最大工作压力	350bar
设定压力	见下表
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE10-2
安装扭矩	40-45Nm
重量	0,170kg



p/Q performance

TABLE 1 表1



Spring range (bar)	
01	25-75
02	76-125
03	126-220
04	221-350

- Recommended

ORDERING CODE 订货编码



Cavity
腔孔
S10= 7/8 - 14 UNF

Spring range
弹簧范围
See table
见表

Pressure Setting
压力设定
000 - No specific
setting required
无特定压力需求

PRESSURE REDUCING VALVE 减压阀



PRO1.S08

CARTRIDGE TYPE 筒式

TECHNICAL DATA

技术参数

Max. flow	20L/min
Max. working pressure	350bar
Setting pressure	See below table 见下表
Body Material	Zn/Fe-standard(96h)
Version	Spool type-Direct acting
Cavity	SAE08-2
Installation torque	40-45Nm
Weight	0,108kg

最大流量
最大工作压力
设定压力
阀体材料
版本
腔孔
安装扭矩
重量

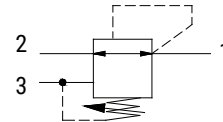
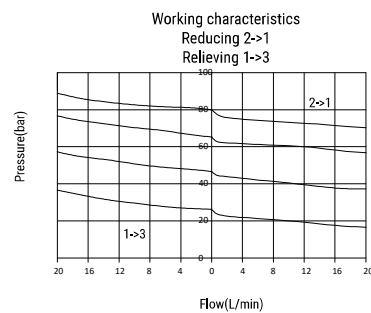
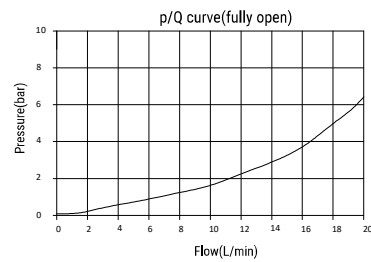
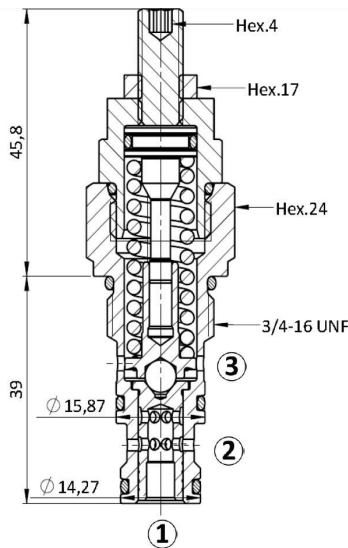


TABLE 1 表1

Spring range (bar)	
01	15-40
02	20-80



ORDERING CODE 订货编码



Cavity
腔孔
S08= 3/4 - 16 UNF
with φ15.87 nose

Spring range
弹簧范围
See table
见表

Pressure Setting
压力设定
000 - No specific
setting required
无特定压力需求

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CHECK VALVE 单向阀

CV01

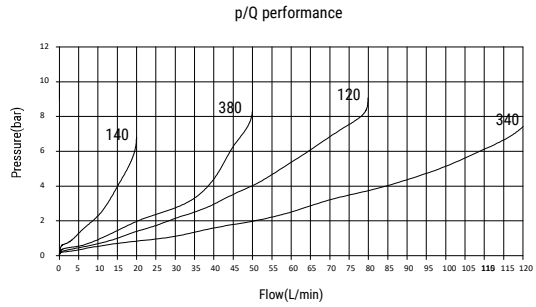
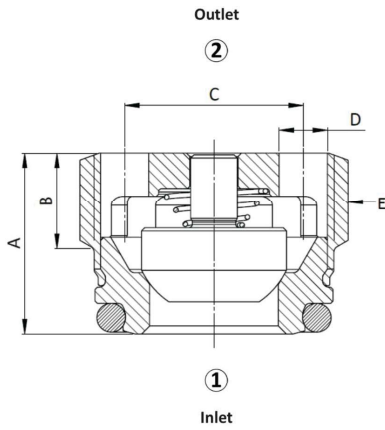
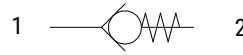
INSERT TYPE 插装式

TECHNICAL DATA

技术参数

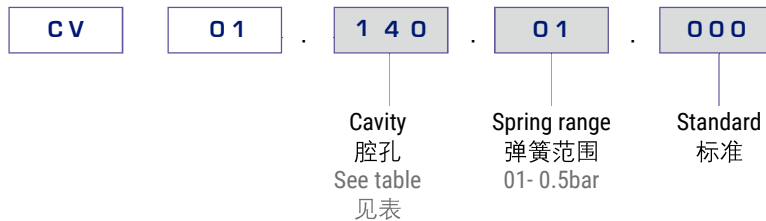
Max. flow	See below table 见下表
Max. working pressure	350bar
Cracking pressure	See below table 见下表
Version	Poppet type-Direct acting
Installation torque	See below table 见下表
Weight	See below table 见下表

最大流量	1	2
最大工作压力		
开启压力		
版本		
安装扭矩		
重量		



E	A	B	C	D	Max Flow	Install. Torque	Weight	Cavity
(size)	(mm)	(mm)	(mm)	(mm)	(L/min)	(Nm)	(kg)	(mm)
140	8,5	4,4	φ8,4	φ2,2	20	6	0,005	CL-001
380	11,3	6,0	φ11,1	φ3,0	50	6	0,011	CL-002
120	12,7	6,5	φ13,5	φ3,8	80	10	0,019	CL-003
340	14,8	7,6	φ16,5	φ5,0	120	17	0,040	CL-004

ORDERING CODE 订货编码





CHECK VALVE 单向阀

CV02.S08

CARTRIDGE TYPE 筒式

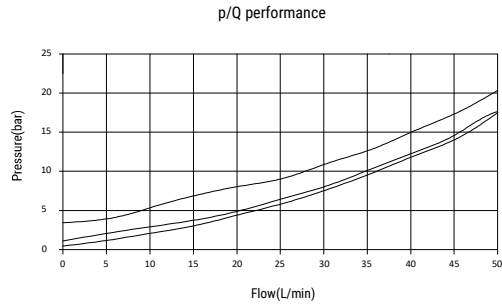
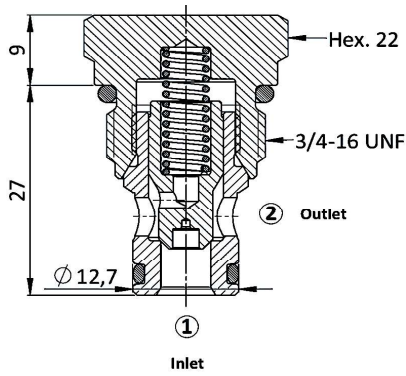
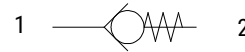


TECHNICAL DATA

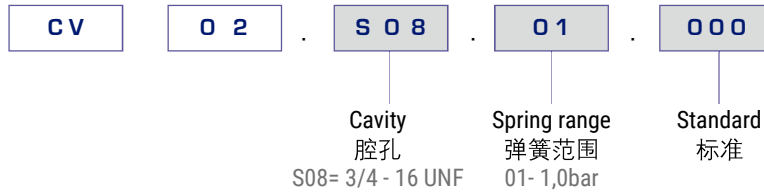
技术参数

Max. flow	50L/min
Max. working pressure	420bar
Cracking pressure	1,0bar
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE08
Installation torque	40-45Nm
Weight	0,060kg

最大流量	50L/min
最大工作压力	420bar
开启压力	1,0bar
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE08
安装扭矩	40-45Nm
重量	0,060kg



ORDERING CODE 订货编码



CHECK VALVE 单向阀

CV02.S10

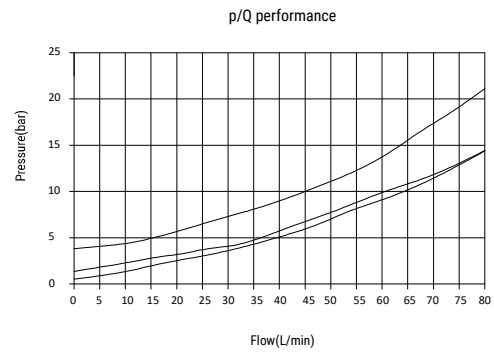
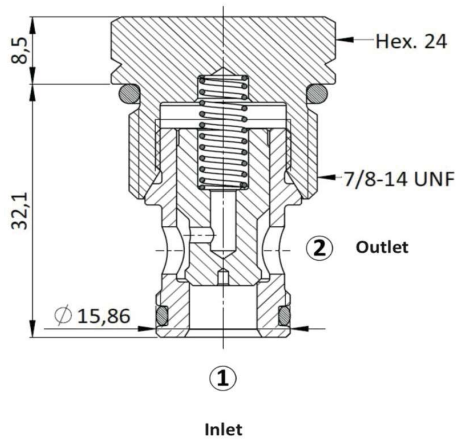
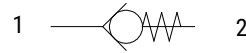
CARTRIDGE TYPE 筒式

TECHNICAL DATA

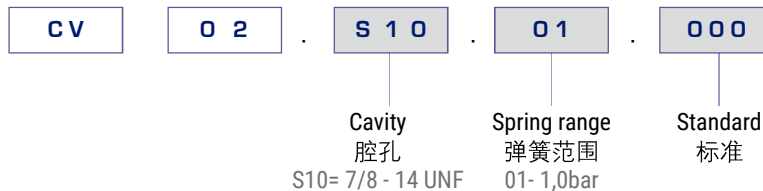
技术参数

Max. flow	80L/min
Max. working pressure	420bar
Cracking pressure	1,0bar
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE18
Installation torque	55-65Nm
Weight	0,090kg

最大流量	80L/min
最大工作压力	420bar
开启压力	1,0bar
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE18
安装扭矩	55-65Nm
重量	0,090kg



ORDERING CODE 订货编码





CHECK VALVE 单向阀

CV02.S12

CARTRIDGE TYPE 筒式

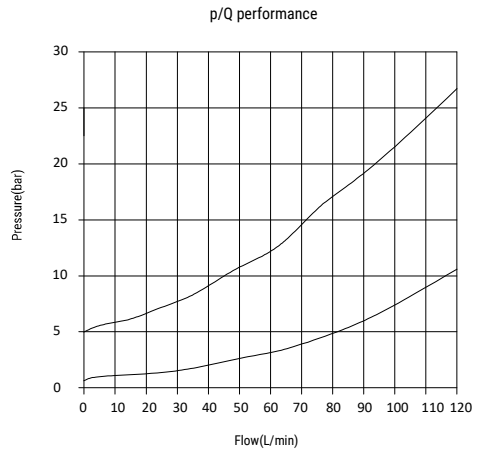
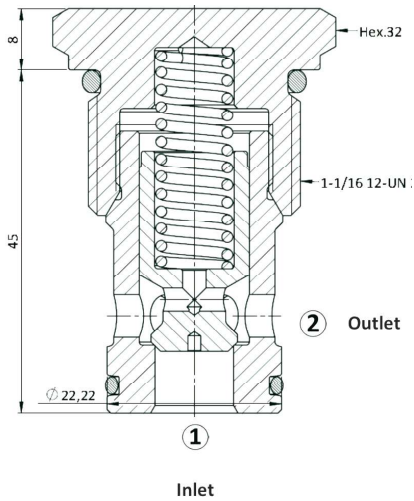
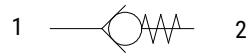


TECHNICAL DATA

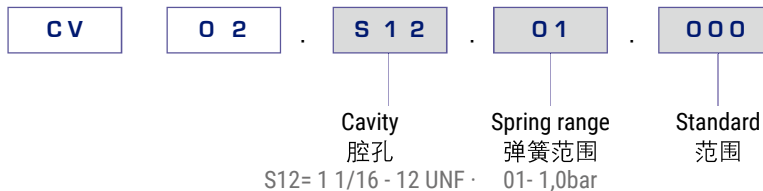
技术参数

Max. flow	120L/min
Max. working pressure	420bar
Cracking pressure	1,0bar
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE12
Installation torque	85-95Nm
Weight	0,160kg

最大流量	120L/min
最大工作压力	420bar
开启压力	1,0bar
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE12
安装扭矩	85-95Nm
重量	0,160kg



ORDERING CODE 订货编码



SHUTTLE VALVE 换向阀

LS02.M18

CARTRIDGE TYPE 筒式

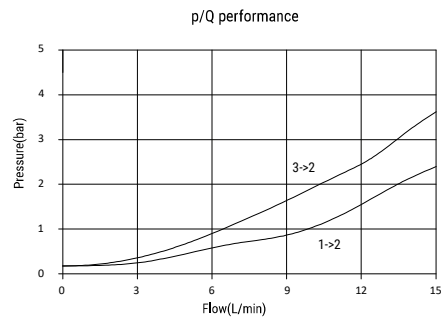
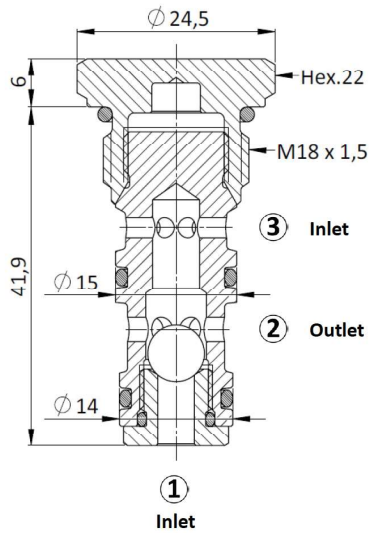
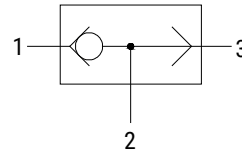
C&L 伦联机电
HYDRAULIC+ELECTRONICS

TECHNICAL DATA

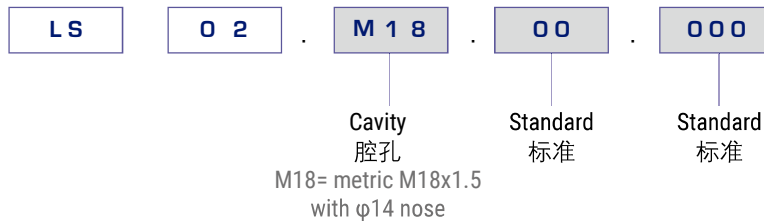
技术参数

Max. flow	15L/min
Max. working pressure	350bar
Body Material	Zn/Fe-standard(96h)
Version	Ball type-Direct acting
Cavity	CL-M18
Installation torque	35-40Nm
Weight	0,062kg

最大流量
最大工作压力
阀体材料
版本
腔孔
安装扭矩
重量



ORDERING CODE 订货编码



FLOW CONTROL VALVE 流量控制阀

FC01.S08

CARTRIDGE TYPE 筒式

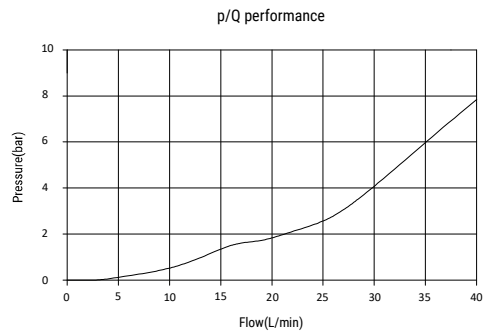
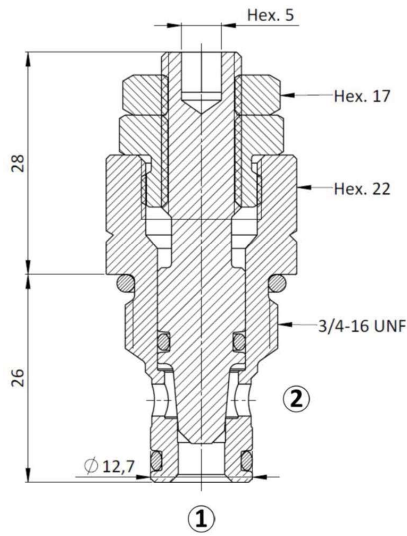
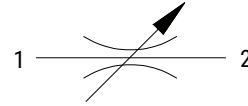


TECHNICAL DATA

技术参数

Max. flow	40L/min
Max. working pressure	350bar
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE08
Installation torque	40-45Nm
Weight	0,100kg

最大流量
最大工作压力
阀体材料
版本
腔孔
安装扭矩
重量



ORDERING CODE 订货编码



Cavity
腔孔
S08= 3/4-16 UNF

Flow adjustment
流量控制
00= Hex Allen Head 六角圆头
01= Top plastic knob
顶部塑料旋钮

Standard
标准

G11

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SOLENOID VALVE 电磁阀

SV21.S08

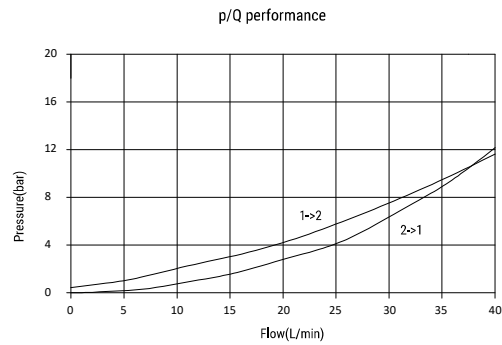
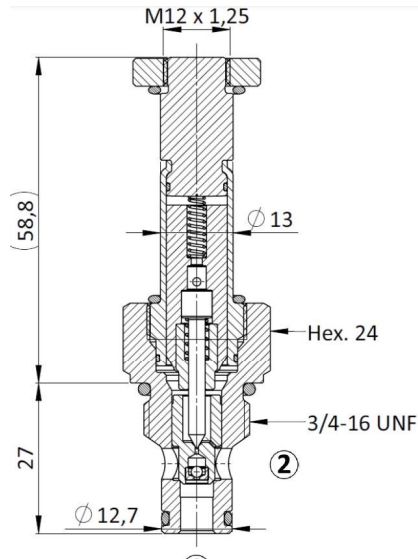
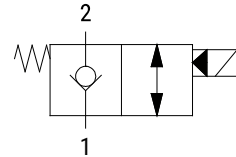
CARTRIDGE TYPE 筒式

TECHNICAL DATA

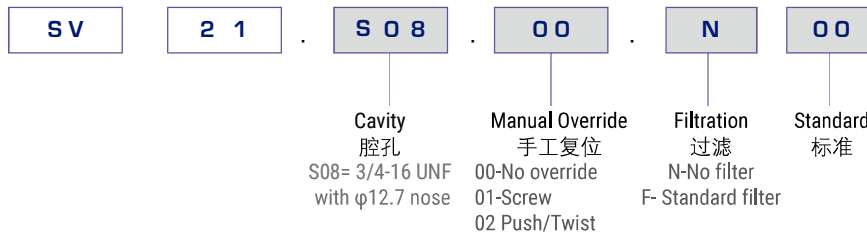
技术参数

Max. flow	40L/min
Max. working pressure	350bar
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE08
Installation torque	40-45Nm
Coil	18W (more detales see CO13.24.18)
Weight	0,110kg

最大流量	40L/min
最大工作压力	350bar
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE08
安装扭矩	40-45Nm
线圈	18W (more detales see CO13.24.18)
重量	0,110kg



ORDERING CODE 订货编码



SOLENOID VALVE 电磁阀

SV21.S10

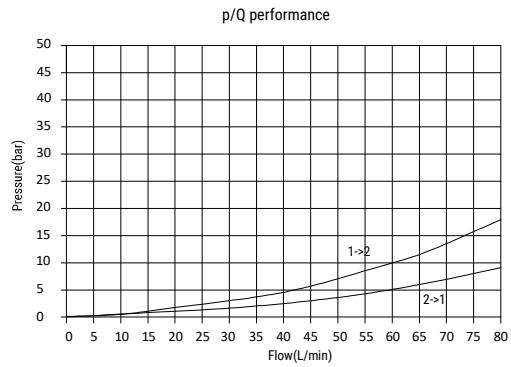
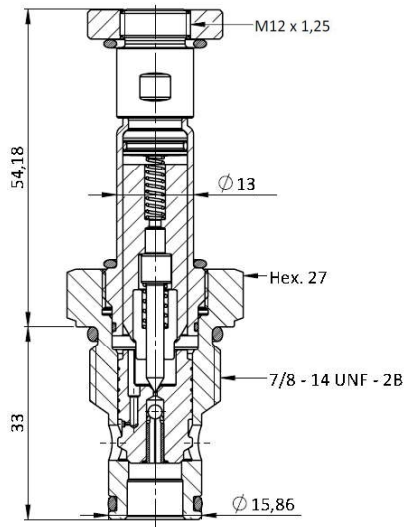
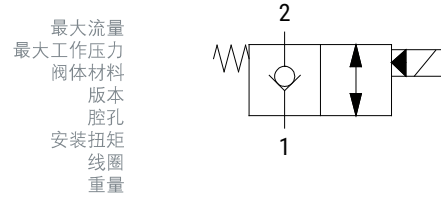
CARTRIDGE TYPE 筒式



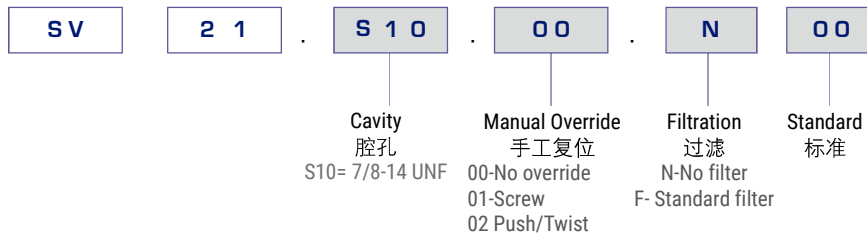
TECHNICAL DATA

技术参数

Max. flow	80L/min	最大流量
Max. working pressure	350bar	最大工作压力
Body Material	Zn/Fe-standard(96h)	阀体材料
Version	Poppet type-Direct acting	版本
Cavity	SAE10	腔孔
Installation torque	55-65Nm	安装扭矩
Coil	18W (more details see C013.24.18)	线圈
Weight	0,139kg	重量



ORDERING CODE 订货编码



G13

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SOLENOID VALVE 电磁阀

SV21.S12

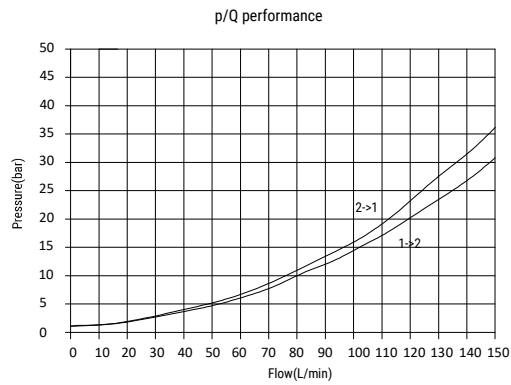
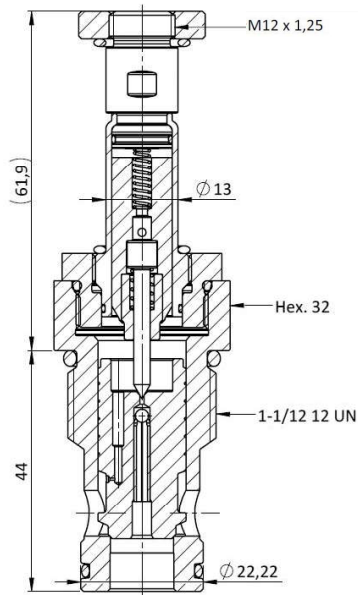
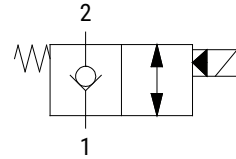
CARTRIDGE TYPE 筒式

TECHNICAL DATA

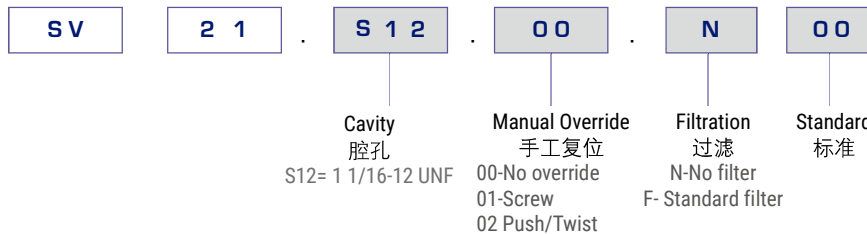
技术参数

Max. flow	150L/min
Max. working pressure	350bar
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE12
Installation torque	85-95Nm
Coil	22W(more details see C013.24.22)
Weight	0,254kg

最大流量	150L/min
最大工作压力	350bar
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE12
安装扭矩	85-95Nm
线圈	22W(more details see C013.24.22)
重量	0,254kg



ORDERING CODE 订货编码





SOLENOID VALVE 电磁阀

SV22.S08

CARTRIDGE TYPE 筒式

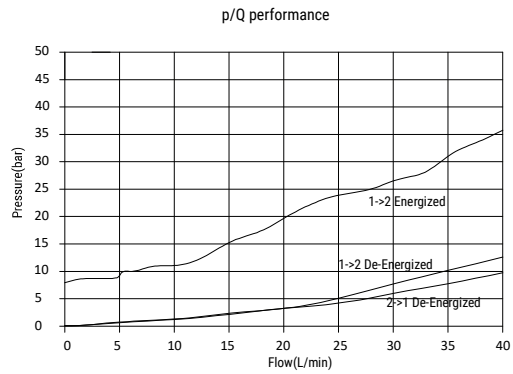
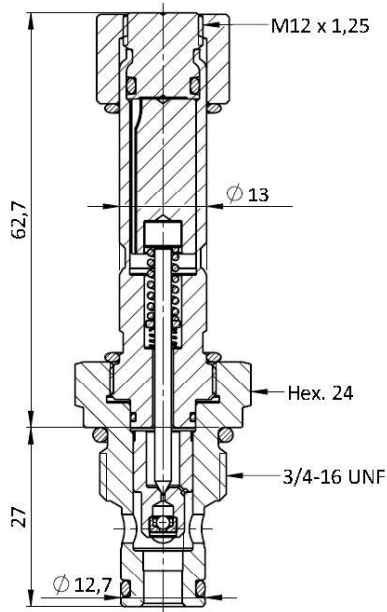
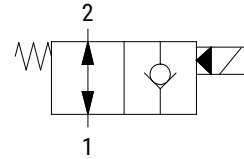


TECHNICAL DATA

技术参数

Max. flow	40L/min
Max. working pressure	350bar
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE08
Installation torque	40-45Nm
Coil	18W(more detales see C013.24.18)
Weight	0,130kg

最大流量	40L/min
最大工作压力	350bar
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE08
安装扭矩	40-45Nm
线圈	18W(more detales see C013.24.18)
重量	0,130kg



ORDERING CODE 订货编码

SV	2 2	S 0 8	0 0	N	0 0
		Cavity 腔孔 S08= 3/4-16 UNF	Manual Override 手工复位 00-No override 02 Push/Twist 03-Push pin	Filtration 过滤 N-No filter F-Standard filter	Standard 标准

SOLENOID VALVE 电磁阀

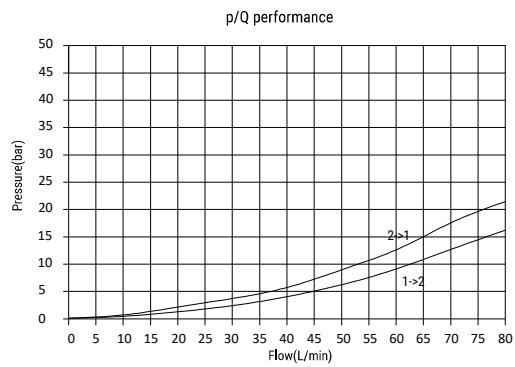
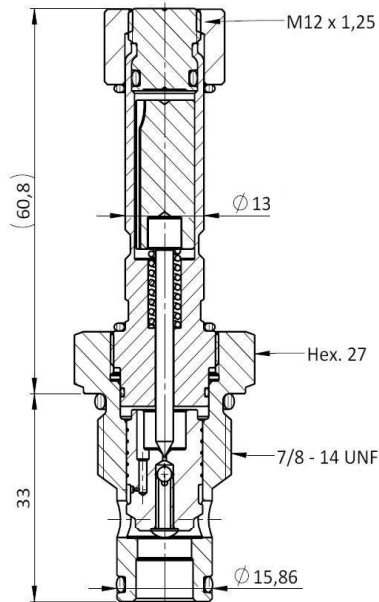
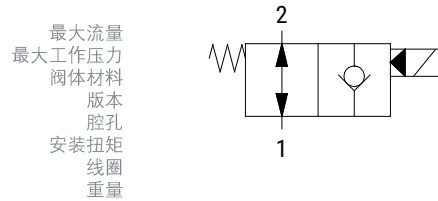
SV22.S10

CARTRIDGE TYPE 筒式

TECHNICAL DATA

技术参数

Max. flow	80L/min	最大流量
Max. working pressure	350bar	最大工作压力
Body Material	Zn/Fe-standard(96h)	阀体材料
Version	Poppet type-Direct acting	版本
Cavity	SAE10	腔孔
Installation torque	65-75Nm	安装扭矩
Coil	22W(more detales see C013.24.22)	线圈
Weight	0,164kg	重量



ORDERING CODE 订货编码



Cavity
腔孔
S10= 7/8-14 UNF
with φ15.86 nose

Manual Override
手工复位
00-No override
02-Push/Twist
03-Push pin
04-Push knob
08-Screw

Filtration
过滤
N-No filter

Standard
标准



SOLENOID VALVE 电磁阀

SV23.S08

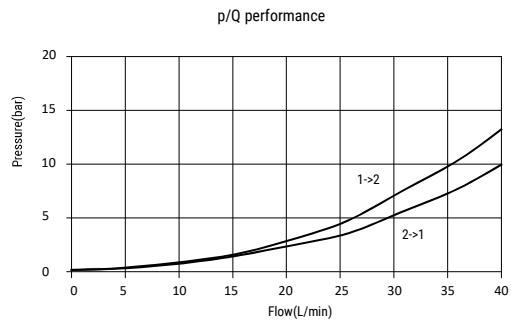
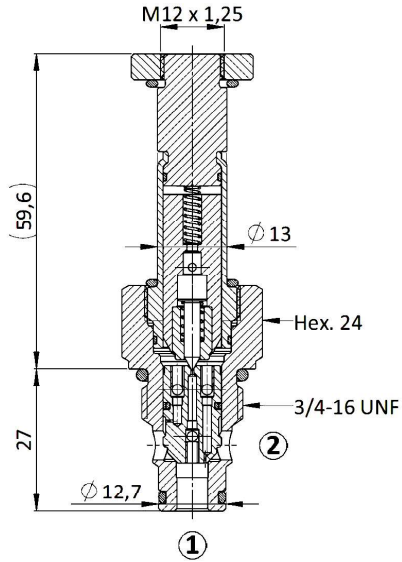
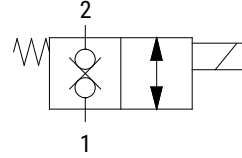
CARTRIDGE TYPE 筒式



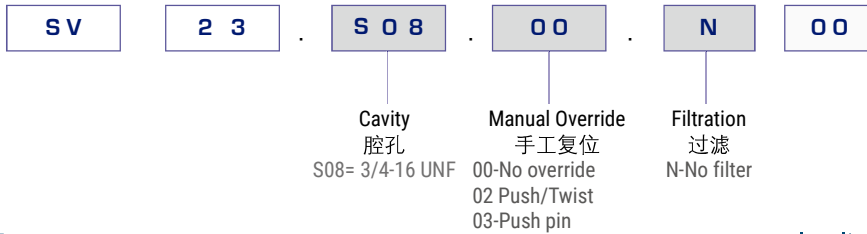
TECHNICAL DATA 技术参数

Max. flow	40L/min
Max. working pressure	350bar
Body Material	Zn/Fe-standard(96h)
Version	Poppet type-Direct acting
Cavity	SAE08
Installation torque	40-45Nm
Coil	18W(more detales see C013.24.18)
Weight	0,120kg

最大流量	40L/min
最大工作压力	350bar
阀体材料	Zn/Fe-standard(96h)
版本	Poppet type-Direct acting
腔孔	SAE08
安装扭矩	40-45Nm
线圈	18W(more detales see C013.24.18)
重量	0,120kg



ORDERING CODE 订货编码



SOLENOID VALVE 电磁阀

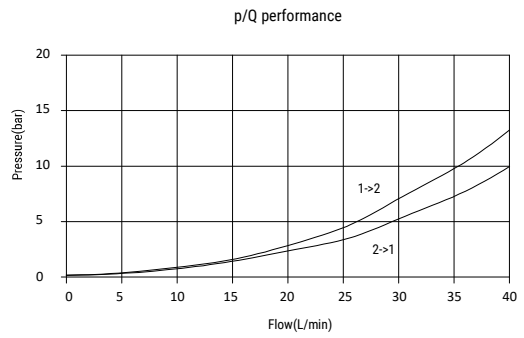
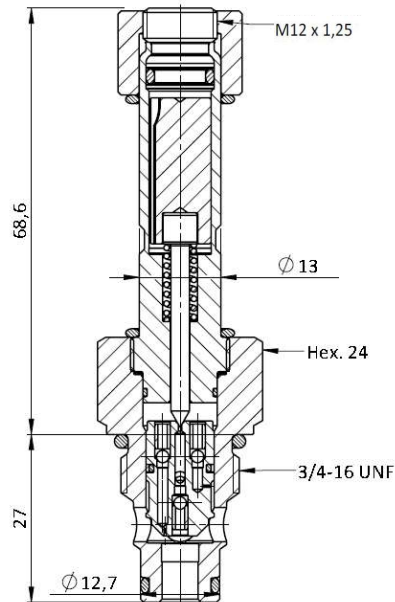
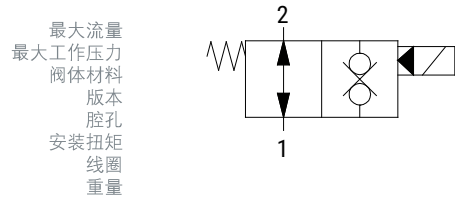
SV24.S08

CARTRIDGE TYPE 筒式

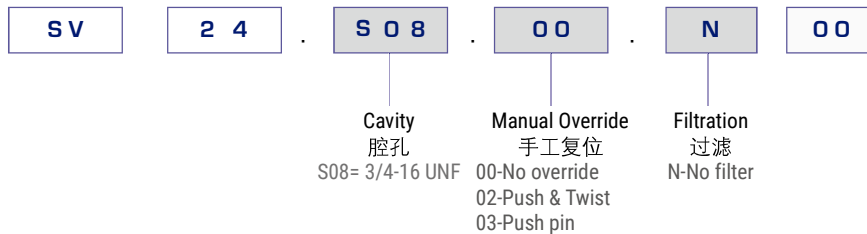
TECHNICAL DATA

技术参数

Max. flow	40L/min	最大流量
Max. working pressure	350bar	最大工作压力
Body Material	Zn/Fe-standard(96h)	阀体材料
Version	Poppet type-Direct acting	版本
Cavity	SAE08	腔孔
Installation torque	40-45Nm	安装扭矩
Coil	18W(more details see C013.24.18)	线圈
Weight	0,148kg	重量



ORDERING CODE 订货编码





SOLENOID VALVE 电磁阀

SV34.S10

CARTRIDGE TYPE 筒式

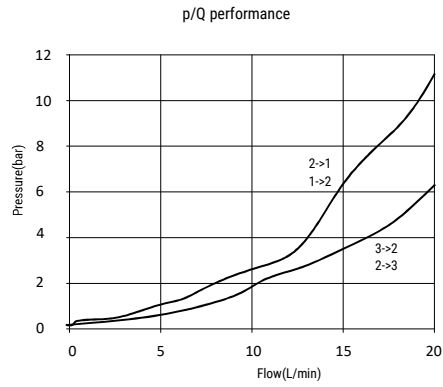
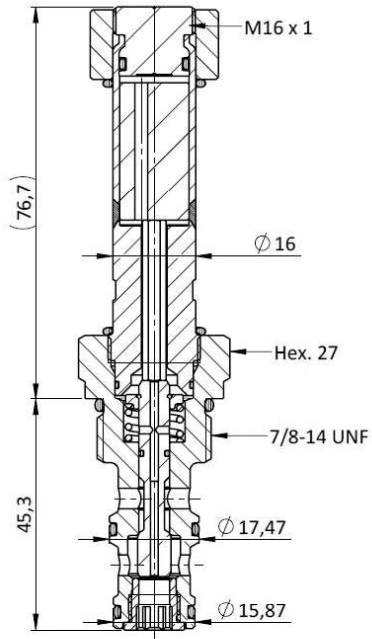
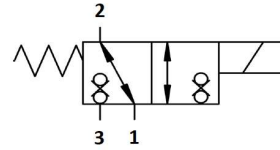


TECHNICAL DATA

技术参数

Max. flow	20L/min
Max. working pressure	250bar
Body Material	Zn/Fe-standard(96h)
Cavity	SAE10-2
Installation torque	35-40Nm
Coil	26W(more detales see C016.24.26)
Weight	0,231kg

最大流量
最大工作压力
阀体材料
腔孔
安装扭矩
线圈
重量



ORDERING CODE 订货编码



Cavity
腔孔
S10= 3/4-16 UNF

Spool type
滑阀结构
00 - No override
03 - Push pin

COILS 线圈

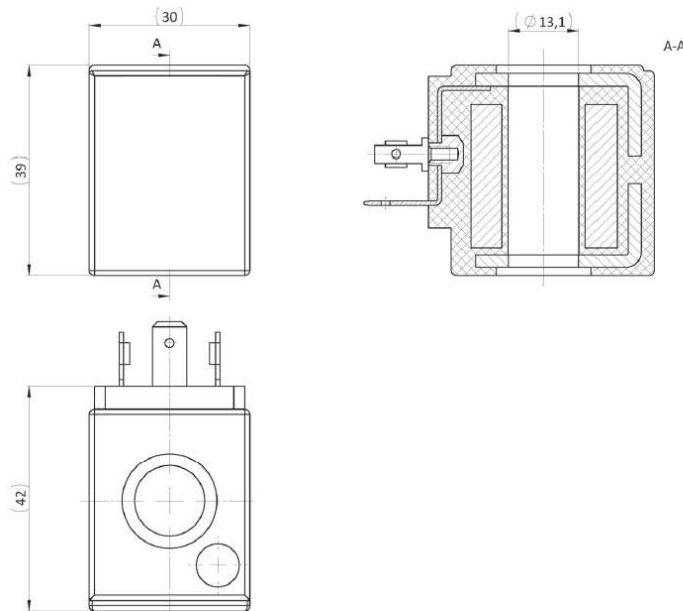
CO13.XX.18.XX

18W-Continuous duty-ED 100% 18w-连续使用-100%通电率

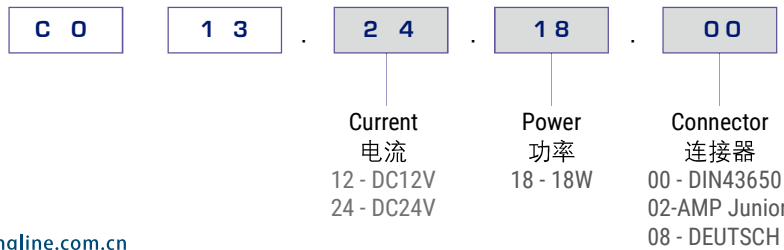
TECHNICAL DATA

技术参数

Power	see code	功率
Coil insulation class	F(155°C)	线圈绝缘等级
Wire insulation class	H(180°C)	电线绝缘等级
ED	100%	通电率
Supply power tolerance	±10%(DC)	电源容差
Ambirent temperature range	-30°C,+60°C	环境温度范围
IP coil	54	线圈安全防护等级



ORDERING CODE 订货编码





COILS 线圈

C013.XX.22.XX

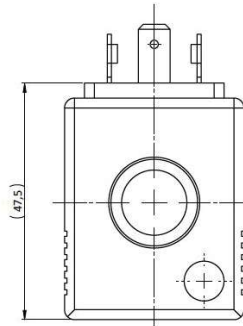
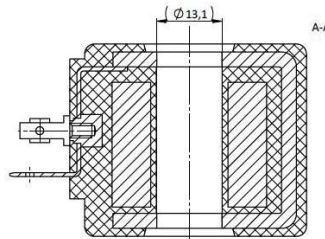
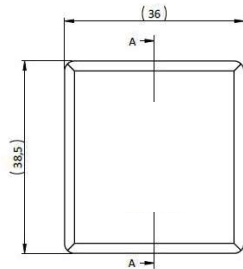
22W-Continuous duty-ED 100% 22w-连续使用-100%通电率



TECHNICAL DATA

技术参数

Power	see code	功率
Coil insulation class	F(155°C)	线圈绝缘等级
Wire insulation class	H(180°C)	电线绝缘等级
ED	100%	通电率
Supply power tolerance	±10%(DC)	电源容差
Ambirent temperature range	-30°C,+60°C	环境温度范围
IP coil	54	线圈安全防护等级



ORDERING CODE 订货编码



Current
电流
12 - DC12V
24 - DC24V

Power
功率
22 - 22W

Connector
连接器
00 - DIN43650
02-AMP Junior
08 - DEUTSCH

www.longline.com.cn

COILS 线圈

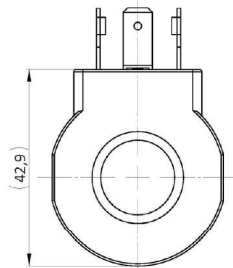
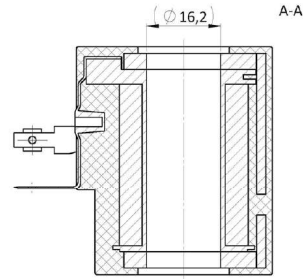
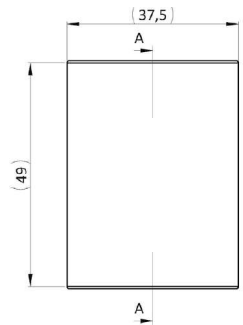
C016.XX.26.XX

26W-Continuous duty-ED 100% 26w-连续使用-100%通电率

TECHNICAL DATA

技术参数

Power	see code	功率
Coil insulation class	F(155°C)	线圈绝缘等级
Wire insulation class	H(180°C)	电线绝缘等级
ED	100%	通电率
Supply power tolerance	±10%(DC)	电源容差
Ambirent temperature range	-30°C,+60°C	环境温度范围
IP coil	54	线圈安全防护等级

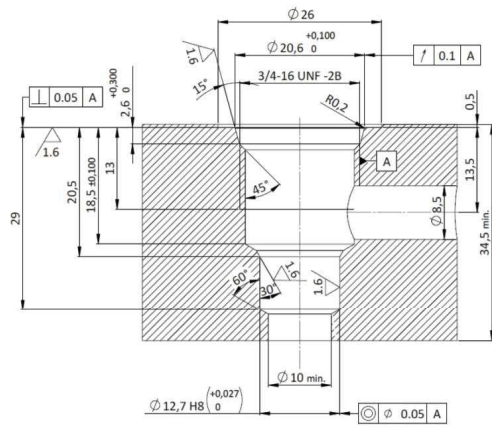


ORDERING CODE 订货编码

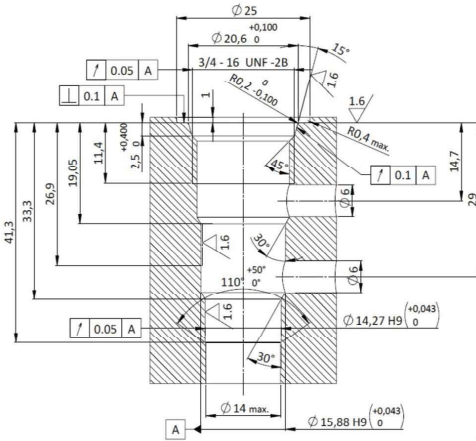
C 0	1 6	2 4	2 6	0 0
		Current 电流 12 - DC12V 24 - DC24V	Power 功率 26 - 26W	Connector 连接器 00 - DIN43650 02-AMP Junior 08 - DEUTSCH

CAVITIES 腔孔

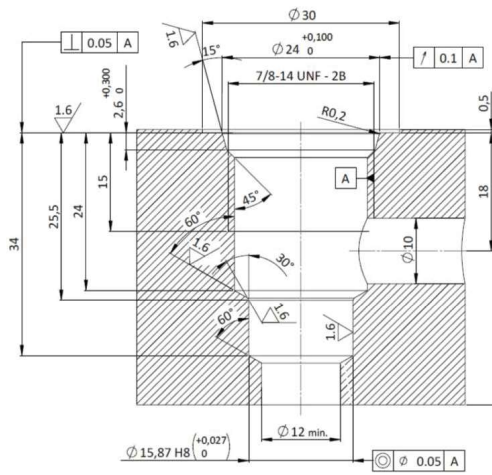
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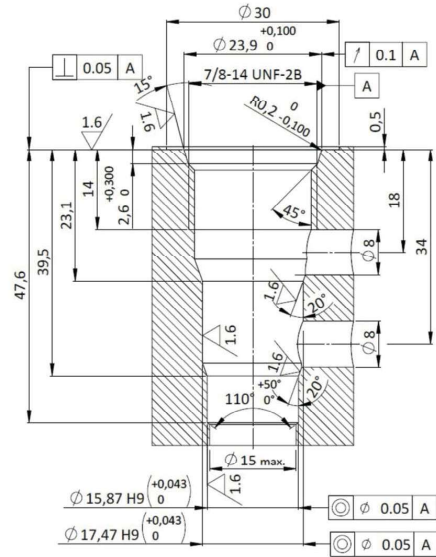
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SAE10

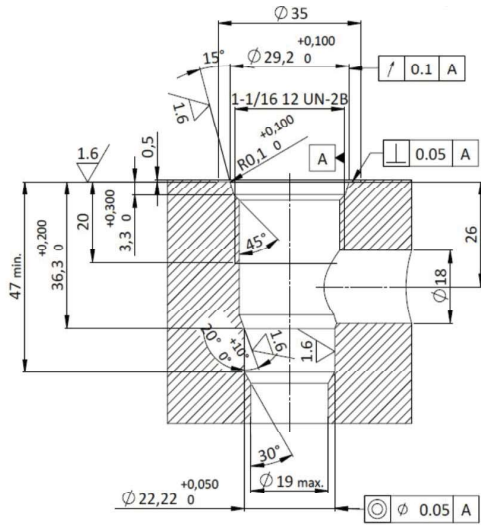


SAE10-2

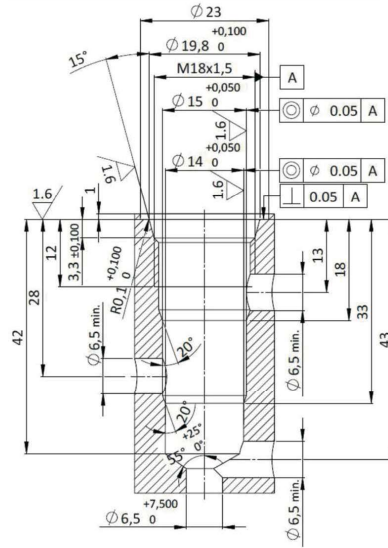


CAVITIES 腔孔

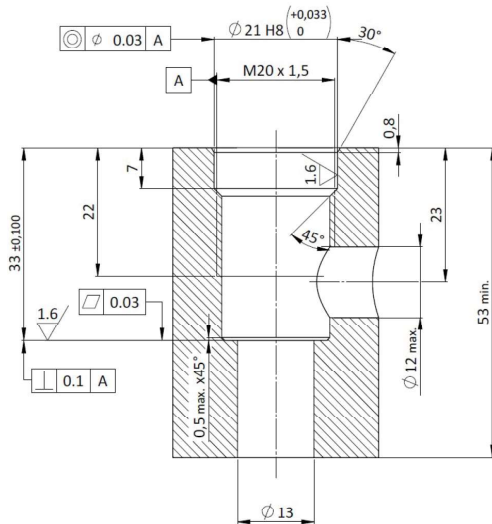
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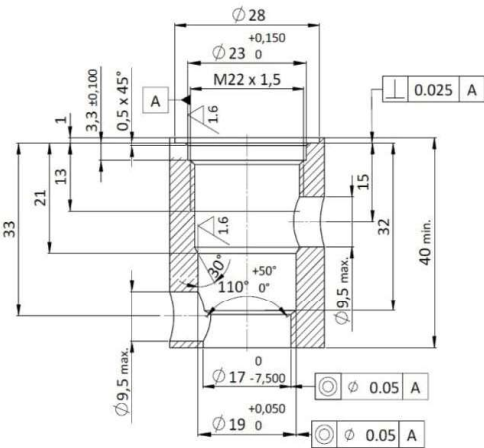
CL-M18



CL-M20

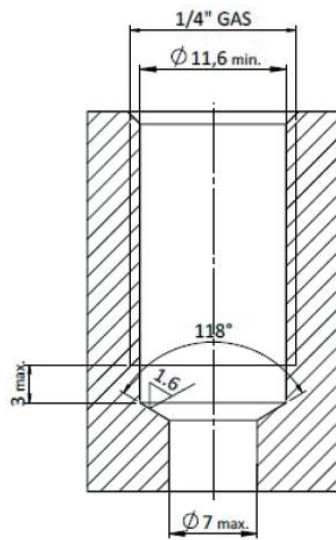


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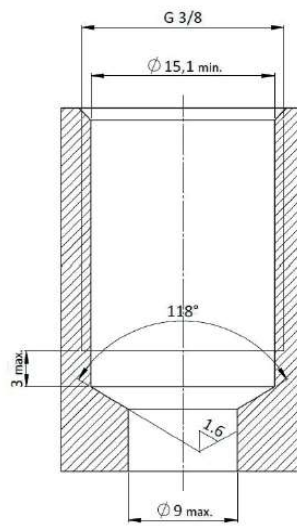


CAVITIES 腔孔

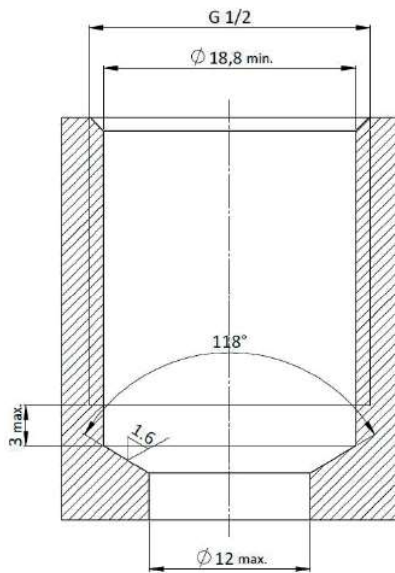
CL-001



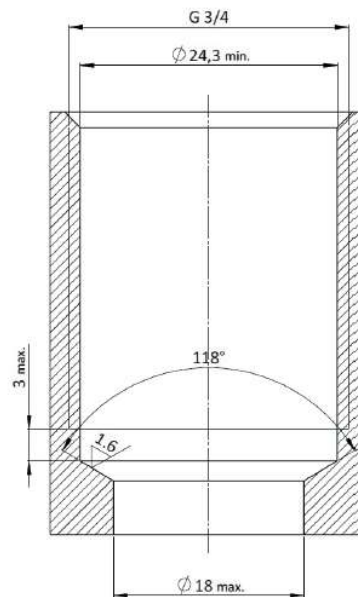
CL-002



CL-003



CL-004





NOTE

NOTE



TECHNICAL CATALOGUE

Shanghai Longline Mechanical and Electrical Equipment Co.,Ltd

ADD:No.199.Delixi Rd, Nanxiang Town, Jiading Dist,
Shanghai, P.R. China
TEL: +86 21 51600299
FAX: +86 21 69174300
ZIP CODE: 201802
E-mail: longline@longline.com.cn
<http://www.longline.com.cn>