



Since 1993 United Mining Equipment has been servicing the mining industry. United Mining Equipment Inc. and United Mining Equipment (Baotou) Co. Ltd., offer a wide range of valves used in the mining industry. Through a network of distributors in North America UME has become the largest after market supplier of replacement valves in the United States. UME is also a single source supplier to the only Roof Support Manufacturer in North America. UME has a reputation second to none and is known for high quality at reasonable prices. UME (Baotou) is a Wholly Owned Foreign Entity (WFOE) of UME Inc. and has the same standards of quality and dedication.

联合矿业设备自1993年成立以来一直服务于采矿业。联合矿业设备有限公司和联合矿业设备(包头)有限公司提供广泛应用在采矿业的阀门。在美国北部UME通过分销网已经成为美国最大的售后市场中置换类阀门的供应商,也是美国北部唯一家液压支架生产商的单一货源供应商。UME以高质量及合理的价格在行业内的声誉首屈一指。UME包头由UME美国独资经营,与UME美国有着相同的质量标准竭诚为客户服务。

UME has full design capability and engineering support available to custom design solutions that meet our customers needs. Our bilingual (English & Chinese) engineering staff has a vast and diverse experience base and approach customer challenges with innovative solutions to complex problems.

UME完全的设计能力和工程技术支持,为客户提供各种解决方案满足客户需求。中英文双语的工程技术团队拥有着丰富多样化的经验基础,用创新方法解决复杂的难题达到客户要求。





UME Inc. has developed test equipment to meet the high standards demanded by the mining industry. Every valve has documented test procedures that are followed stringently by the technicians. With 100% testing we insure that every valve meets all the requirements that it will give it a long productive lifecycle.

UME美国研发的测试设备满足采矿业高标准的要求。技术人员严格遵照测试程序步骤测试阀门,全面的测试我们确保了每个阀门满足较长寿命周期的所有要求。



UME Inc. has fully trained technicians with decades of experience that have seen almost every situation. This experience allows them to find potential issues before they arise shortening down time and maintenance costs.

UME拥有的技术团队,均接受过全面的技术培训,他们从业几十年,经验丰富能够发现潜在的问题,缩短维修时间、降低维修成本。

UME (Baotou) is staffed with technicians trained in the US by UME Inc. This ensures the same quality of service offered in China as we offer in North America. Our technicians at UME (Baotou) are constantly updated and trained on new techniques from the US staff.

UME包头技术团队外派美国接受技术培训,之后不断接收UME美国的信息更新,保持与UME美国信息同步,这确保了UME在中国区的服务品质与美国北部服务品质一致。





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UME (Baotou) has imported test equipment from the US. All procedures have been perfected for many years at UME Inc. and are followed by UME (Baotou). The test equipment is periodically calibrated and maintained in Baotou, China.

UME包头的测试设备从UME美国进口,整个测试程序已由UME 美国完善多年,现由UME包头继承,设备的后期定期校准及维 护工作都将在中国包头进行。

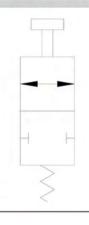


50-30-0000 Spool valve Hydraulic and manual operations DN12 Sizing 滑阀 液控和手动操作 DN12口径	
50-32-0000 Spool valve Hydraulic and manual operations DN12 Sizing 滑阀 液控和手动操作 DN12口径	
50-34-0000 Spool valve Hydraulic operation only DN12 Sizing 滑阀 液控操作 DN12口径	
50-40-0000 Push lock valve Used in compak valve banks Used to hydraulically lock a spool 推压式锁止阀 用于液压锁止阀芯 用在Compak组阀中	
50-62-0000 Boost spool valve 2/2 valve used with spool to boost speed DN20 Sizing 推动滑阀 二位二通阀 DN20 口径	
60-48-0000 NG6 Control Valve For small cylinder control NG6 口径控制阀 适用于小油缸控制	
60-49-0000 NG13 Control Valve For medium cylinder control NG13 口径控制阀 适用于中型油缸控制	
60-50-0000 NG20 Control Valve For large cylinder control NG20 口径控制阀 适用于大型油缸控制	

50-06-0000

Check valve
Used to provide clean external access to seal volumes
Used with 50-36-0000
单向阀
用于为油缸提供另一外部供油渠道
与50-36-0000配合使用

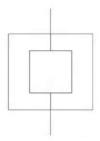




50-36-0000

Check valve adaptor
Used to provide access to cylinder
Used with 50-06-0000
单向阀适配接头
用于液压油缸的适配连接
与50-06-0000配合使用

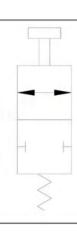




60-43-0000

Bleed adaptor
Used to provide relief to seal volumes
DN10 sizing
排液适配接头
于排泻油缸内的液体
DN10口径

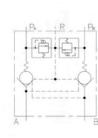




51-54-0000

Load lock POCV
Used on ranging arms
Integrated gas yield valves
载荷锁定液控单向阀
用于摇臂上
集成的充气安全阀

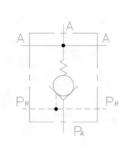




60-20-0000

Leg POCV DN12 sizing For medium leg cylinder 支柱液控单向阀 DN12口径 用在中型油缸上





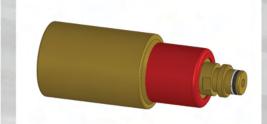
50-67-0000 DN10 spool yield valve Mechanical operation For small leg cylinders DN10柱式安全阀 机械式用于小油缸 50-77-0000 DN12 spool yield valve Mechanical operation For small cylinders DN12柱式安全阀 气动式 用于小油缸 50-84-0000 DN10 gas yield valve Gas operation For small cylinders DN10 充气安全阀 气动式 用于小油缸 51-52-0000 Gas yield valve Used in Compak valve banks 充气安全阀 用在Compak组阀里 59-01-0000 DN10 mechanical yield valve for very small cylinders DN10机械式安全阀,用于小油缸 59-10-0000 DN12 mechanical yield valve For medium/large cylinders 机械式安全阀 用于大中型油缸 59-12-0000 DN10 mechanical yield valve For medium/large cylinders DN10 机械式安全阀 用于大中型油缸 59-13-0000 DN10 mechanical yield valve For large cylinders DN10 机械式安全阀

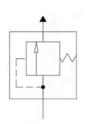
5

用于大油缸

59-14-0000

DN12 mechanical yield valve For large cylinders DN12 机械式安全阀 用于大油缸

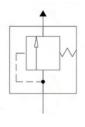




59-30-0000

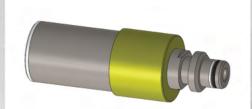
Mechanical yield valve
DN20 sizing
To protect against Rockbursts
机械式安全阀
DN20 公称直径
保护液压系统免于蹦爆

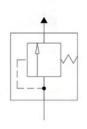




60-40-0000

DN10 mechanical yield valve For small cylinder protection DN10 机械式泄压阀 用于小油缸保护

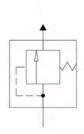




60-41-0000

DN12 mechanical yield valve
For medium/large cylinder protection
DN12 机械式泄压阀
用于中、大油缸保护

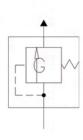




60-45-0000

Gas yield valve DN20 sizing To protect against Rockbursts 充气安全阀 DN20口径 保护液压系统免于蹦爆

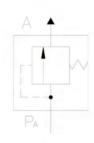




60-46-0000

DN10 mechanical yield valve Yields to return line 机械式安全阀 回油管路安全阀

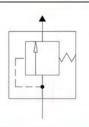




60-59-0000

DN10 Pressure Relief Valve Low pressure Less than 100 Bar DN10 泄压阀 低压 低于100 巴



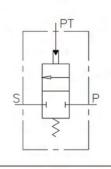


6

50-63-0000

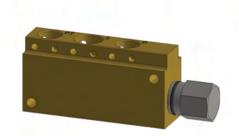
Normally closed valve DN10 sizing 常闭阀

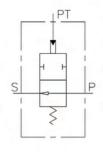




50-65-0000

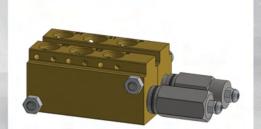
Normally open valve DN10 sizing 常开阀 DN10 公称直径

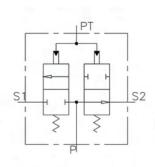




50-66-0000

N/O-N/C Valve Dual Piloted N/O-N/C Valve DN10 sizing 常开、常闭一体阀 双向先导控制常开,常闭 DN10 公称直径

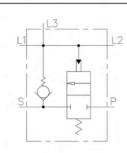




50-72-0000

Guaranteed Set Valve Used to ensure both legs are set equally 等压控制阀 确保两立柱之间的压力相同

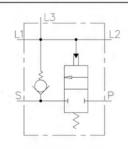




50-80-0000

High flow guaranteed set valve Used to ensure both legs are set equally 大流量控制阀 确保立柱之间的压力相同

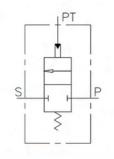




51-15-0000

Normally closed valve DN12 sizing 常闭阀 DN12口径



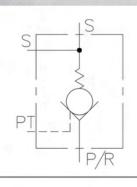


51-07-0000 Left hand high-flow dual return leg **POCV** DN20 sizing For large leg cylinders Bushing mounted seal 左立柱大流量双回油管路液控单向阀 DN20口径 用在大型支柱油缸上 径向密封 51-08-0000 Right hand high-flow dual return leg POCV DN20 sizing For large leg cylinders Bushing mounted seal 右立柱大流量双回油管路液控单向阀 DN20口径 用在大型支柱油缸上 径向密封 51-40-0000 Left hand high-flow dual return leg **POCV** DN12 sizing For large leg cylinders Face mounted seal 左立柱大流量双回油管路液控单向阀 DN12口径 用在大型支柱油缸上 端面密封 PT 51-41-0000 Right hand high-flow dual return leg **POCV** DN12 sizing For large leg cylinders For large leg cylliders Face mounted seal 右立柱大流量双回油管路液控单向阀 DN12口径 用在大型支柱油缸上 端面密封 60-21-0000 Leg POCV DN20 sizing 立柱液控单向阀 DN20口径 60-66-0000 DN20 POCV with dedicated DN20 return 带DN20专用回油管路的DN20 液控单 向阀 60-67-0000 DN20 POCV with dedicated DN20 return Integrated KN Valve 带DN20专用回油管路的DN20 液控单 体式压力补偿阀

50-70-0000

Right hand leg POCV DN10 sizing For small leg cylinders 右立柱液控单向阀 DN10口径 用在小型油缸上

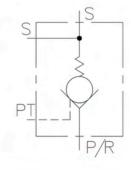




50-71-0000

Left hand POCV DN10 sizing For small leg cylinders 左立柱液控单向阀 DN10口径 用在小型立柱油缸上

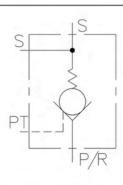




50-78-0000

Right Hand POCV DN12 sizing For medium leg cylinders 右立柱液控单向阀 DN12口径 用在中型立柱油缸上

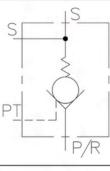




50-79-0000

Left hand POCV DN12 sizing For medium leg cylinders 左立柱液控单向阀 DN12口径 用在中型油缸上

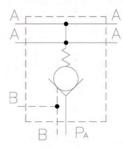




60-57-0000

Leg POCV DN20 sizing 立柱液控单向阀 DN20口径

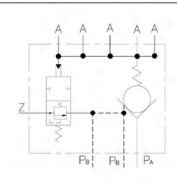




60-58-0000

Leg POCV C/W Kn Valve DN20 sizing Integrated KN valve for tip function 带压力补偿的支柱液控单向阀 DN20接口尺寸 用于护帮的一体式压力补偿阀





56-02-0000

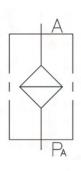
DN20 Filter

40 Micron

DN20口径

40 微米级





56-04-0000

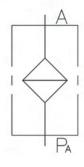
DN20SS Filter

40 Micron

DN20SS 超高压过滤器

40 微米级

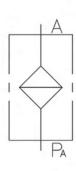




56-06-0000

DN20 100 Micron Filter DN20 100 微米滤清器





59-27-0000

Back flush Filter

Manual Operation

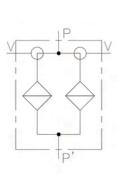
DN40 sizing

反冲洗过滤器

手动式

DN40口径





60-38-0000

Back flush Filter

Manual Operation

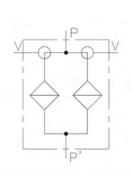
DN25 sizing

反冲洗过滤器

手动式

DN25口径





50-41-0000

Isolating Non-Return Valve

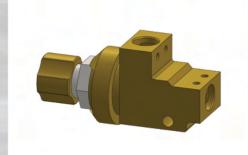
DN10 Sizing

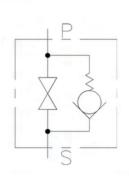
Multiple handle colors available

关断单向阀

DN10口径

多种颜色手柄可选





60-25-0000

Prop Check Valve

DN12 sizing

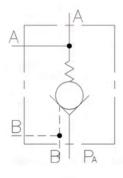
Used on advancing rams

比例单向阀

DN12口径

用在传送带托架推移油缸上





60-26-0000

Combination check & shuttle valve

DN12 sizing

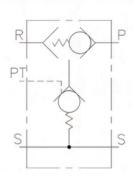
Used on advancing rams

单向阀和梭阀一体阀

DN12口径

用在传送带托架推移油缸上





60-36-0000

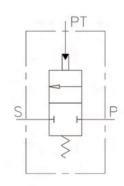
Water Spray Valve

DN10 sizing

喷水阀

DN10口径





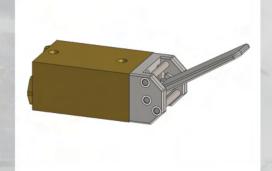
60-52-0000

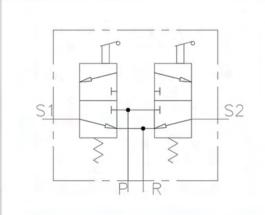
Twin pilot valve

DN10 Sizing

双液控单向阀

DN10口径





50-74-0000

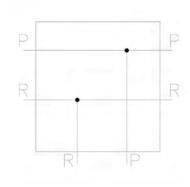
Manifold

DN40/32/20 sizing

集成块阀

DN40/32/20口径





51-14-0000

Load Lock POCV

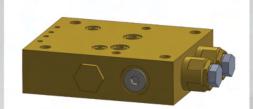
Used on ranging arms

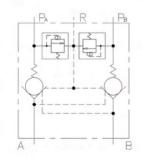
Integrated gas yield valves

载荷锁定液控单向阀

用于摇臂上

一体式充气安全阀





51-19-0000

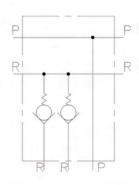
DN50/40SS/25 Manifold with

integrated return check

DN50/40SS/25 带回油路单向阀的集

成块阀





52-03-0000

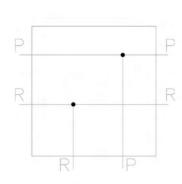
Manifold

DN50/40SS/25 sizing

集成块阀

DN50/40SS/25口径





52-05-0000

Feed Return Manifold

DN50/40SS/25 sizing

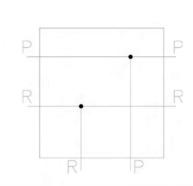
Angled entries for shield to shield hoses

餵返回歧管

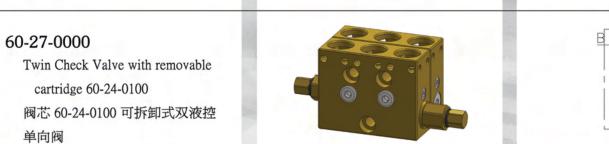
DN50/40SS/25口径

用于支架间液压软管连接的倾斜接口





50-76-0000 Twin Check Valve For Tip Cylinders DN10 sizing 双液控单向阀 用于推移油缸 DN10口径 R P/R2 51-04-0000 Twin Check Valve For Sprag cylinders DN10 sizing 双液控单向阀 用于护帮油缸 DN10口径 60-24-0000 Twin Check Valve with removable cartridge 60-24-0100 阀芯 60-24-0100 可拆卸式双液控 单向阀 60-27-0000

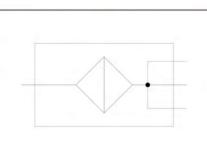






60-28-0000





60-24-0100 Check valve Used in a variety of manifolds in small

cylinders 单向阀

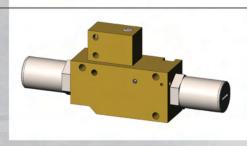
13 用在各种小油缸的集成块阀中

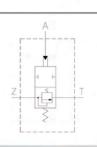


60-30-0000 Twin Check Valve DN10 sizing 双液控单向阀 DN10口径 60-37-0000 Pretension Valve 预(先加)载阀 60-42-0000 Check Valve NW25 Assy DN单向阀组 60-47-0000 Used to keep solenoids pressurized NG2 sizing Check valve 单向阀 NG2口径 用于电磁阀保压 60-51-0000 Accumulator DN20 Sizing Used to pressurize solenoids 蓄能器 DN20口径 给电磁阀提供压力 60-53-0000 Twin Check Valve Used with 60-52-0000 双液控单向阀 与60-52-0000配合使用

60-58-0100

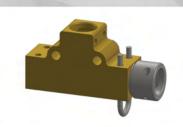
Compensating Valve
Opens on pre-load or closes on pilot
压力补偿阀
在预载荷作用下开启,在先

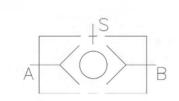




51-11-0000

Full Flow Shuttle Valve DN12 sizing 全流量梭阀 DN12口径





51-13-0000

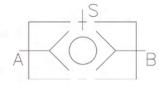
Full Flow Shuttle Valve

DN10 sizing

全流量梭阀

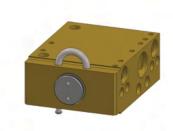
DN10口径

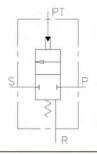




51-58-0000

Remote Boost Spool DN20 sizing 远程控制增压阀 DN12 口径

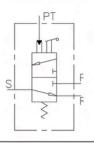




51-66-0000

Single Spool Valve Hydraulic & Hand Operation DN12 sizing 单芯滑阀 液动和手控 DN12口径

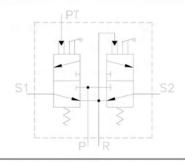




51-70-0000

Twin Spool Valve One hydraulic operated, One manual operated DN12 sizing 双芯滑阀 一个液控,另一个手控 DN12口径

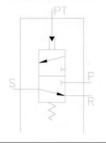




51-71-0000

Single Spool Hydraulic operated only DN12 sizing 单阀芯液控式 DN12口径

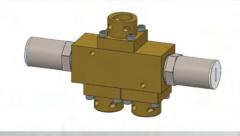


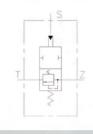


60-31-0000

15

Compensating Valve Opens on pre-load or closes on pilot 压力补偿阀 在预载荷作用下开启,在先导压力 的作用下关闭

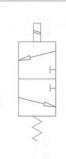




50-20-0000

Electro hydraulic solenoid 电液换向阀

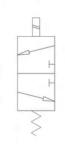




50-24-0000

Electro hydraulic solenoid 电液换向阀

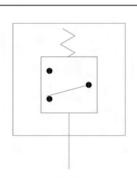




50-50-0000

Pressure switch pre-settable from 69
BAR to 250BAR
可预调压力开关(调压范围:69-250
巴)

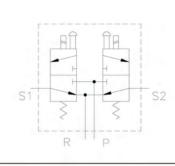




60-00-0000

Double 3/2 Way Solenoid Assembly
(W/Lumberg Conn.)
双三通二位电磁阀组(带隆堡连线)

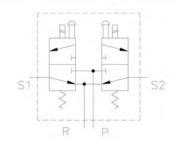




60-15-0000

Double 3/2 Way Solenoid Assembly 双三通二位电磁阀组

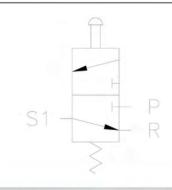




60-06-0000

Cartridge NG0.5 Assembly NG0.5 阀芯组阀





16

50-52-0000

Striker Valve

Used in cylinder to show advancement

行程开关阀

用于限制油缸行程





50-54-0000

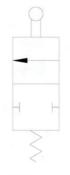
Striker Valve

Used in cylinder to show advancement

行程开关阀

用于限制油缸行程

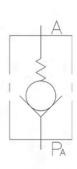




51-12-0000

High-pressure non-return valve Suitable to 700BAR DN10 sizing, 高压止回阀 适用压力高达700巴

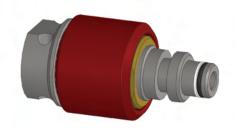


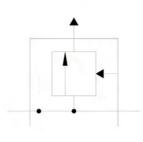


51-16-0000

DN10口径

Hydro-Fuse
One time quick yield at 550BAR
Not resettable
DN10
液力断流保险丝
在550巴的压力下,快速断开
不可复位



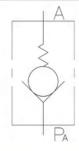


51-39-0000

DN10口径

High-pressure check valve
Used in Compak valve banks
高压单向阀
用在 Compak 组阀里

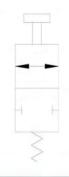




60-17-0000

Check Valve 单向阀

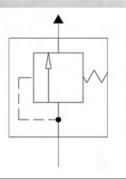




50-02-0000

Low pressure relief valve
Used to relieve high return pressure
from solenoids
低压泄压阀
用于释放来自于电磁阀的高压力

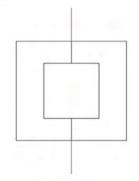




50-03-0000

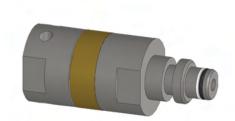
Banjo fitting
Used with LPRV to vent to atmosphere
油管接头 与低压泄压阀配合使用,将压力释放 到空气中

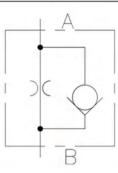




50-10-0000

Restrictor with full flow in opposite direction DN10 sizing 反向全流量节流阀 DN10口径

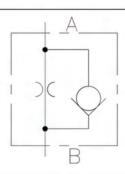




51-43-0000

Restrictor
Used in compak valve banks
Internal porting
节流阀
用在Compak组阀里
内部端口

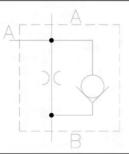




51-49-0000

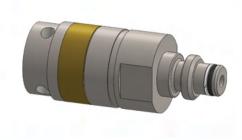
Full flow in one direction restrictor Used in compak valve banks 反向全流量节流阀 用在Compak组阀里

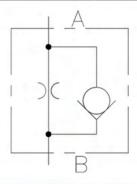




51-62-0000

Spring returned restrictor Full flow in opposite direction DN10 弹簧复位单向节流阀 反向全流量(正向节流) DN10口径



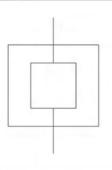


18

51-68-0000

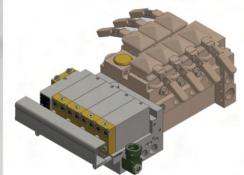
Push Lock Bank 推锁阀组

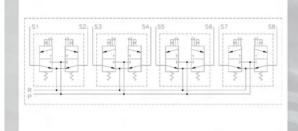




52-45-0000

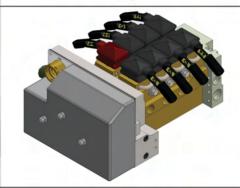
Marco Conversion Kit Marco 转换组件

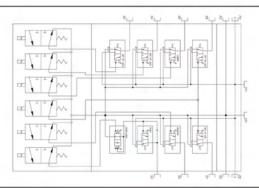




54-82-0000

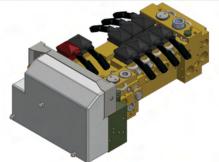
Compak Assembly 6sol 2 ps short block for ms30 j box 6功用康帕克阀组

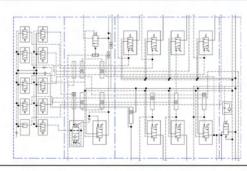




54-93-0000

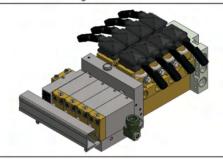
Compak Assembly 9sol 8sp 1 pl 2 bsp 9功用康帕克阀组

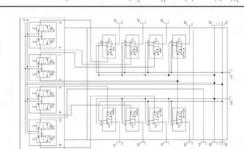




54-99-0000

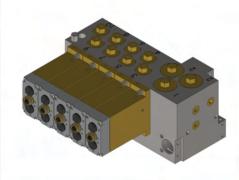
Marco Compak, 8 function 8功用马可一康帕克阀组

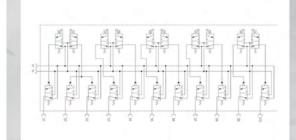




64-03-0000

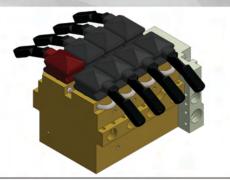
Control Unit 10 Function 10 功能控制单元

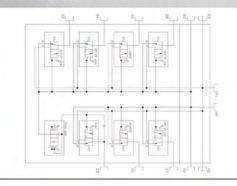




55-04-0000

6 function manual compak
Independent valves for leg sets
Dn12 spool valves
Locking valve for conveyor push
传送带推移锁止阀
支柱独立阀
DN12 滑阀
6 功能手动Compak组阀

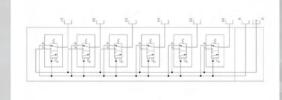




55-05-0000

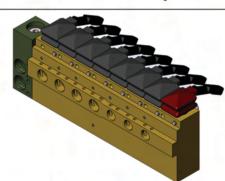
- 6 function valvebank
- 6 dn12 spool valves
- 6功能阀组
- 6 功能DN12滑阀

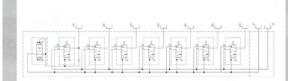




55-06-0000

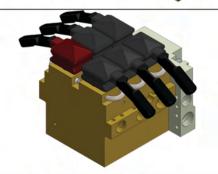
6 function plus lock valvebank Independent valves for leg sets Dn12 spool valves Locking valve for conveyor push 6 功能带锁止阀阀组支柱独立阀 DN12滑阀 传送带推移锁止阀

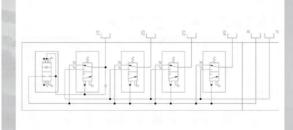




55-07-0000

4 function Compak with pilot lock DN12 spool valves
One valve has pilot lock for conveyor push 带先导锁 的4 Compak 阀组合阀 DN12阀芯 其中一个带有先导锁的阀用于输送





55-08-0000

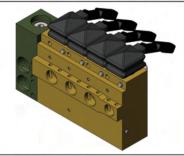
带推移

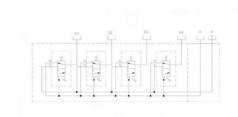
4 function valve bank

DN12 spool valves

4 阀组合阀

DN12阀芯

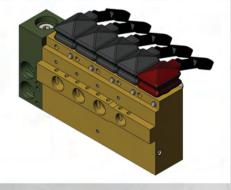


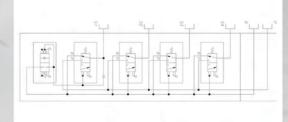


55-09-0000

带推移

4 function valvebank with pilot lock DN12 spool valves
One valve has pilot lock for conveyor push
带先导锁 的4阀组合阀 DN12阀芯
其中一个带有先导锁的阀用于输送





Certificates 证书



ANTICLES OF INCOMPOSATION OF UNITED MINING CARLE, INC.

The undersigned, intending to form a corporation under the Pennsylvania Business Corporation L-w of 1988 (15 Pa. C.S. \$\$1101 gt ang.), as amended, hereby corclifies as follows:

FIRST. The name of the Corporation is United Mining Cable, Inc. (the "Corporation").

smoon. The address of the Corporation's initial registered office in the Commonwealth of Pennsylvania is 1413 Fittsburgh Bnad, Valencia, Pennsylvania 16059.

THIRD. The Corporation is incorporated under the provisions of the Business Corporation Law of 1988 (15 Pa.C.S. \$\$1100 <u>et</u> neg.).

FOURTH. The Corporation shall have the authority to issue 1,000 shares of common stock, par value 510 per share. The holders of the common stock shall have one vote per share and shall not be entitled to accumulate their votes in the election

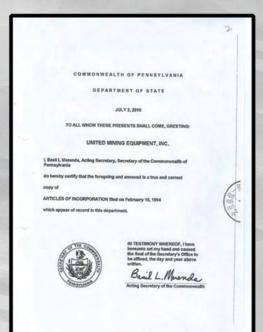
PRINT WEST FEB 15 194

Melvin H. Levy, Enquire, USE Tower, Solte 3055, 400 Grant Street, Pittaburgh, Pennsylvania 15219. SIXTM. A director of the Corporation shall not be nally liable for monetary damages for any action taken, or

any failure to take any action unless the director has breached or failed to perform the duties of his or her office under 15 Fa. C.S. \$511 and \$1721 and such breach or failure to perform provided, however, that the foregoing provision shall not eliminate or limit (i) the responsibility or liability of a director pursuant to any criminal statute, or (ii) the liability of a director for the payment of taxes pursuant to local, state or Federal law. Any repeal, modification or adoption of any provision inconsistent with this Article SIETH, shall be prospective only, and neither the repeal or modification of this Article nor the adoption of any provision immonstatent with this Article shall adversely affect any limitation on the personal liability of a director of the Corporation existing at the time of such repeal or modification or the adoption of such steet provision.

EXECUTED this 10th day of February, 1994.

1.11 6.1



ZC8016333.ZC No. 8016333 Trademark Registration Certificate (UME) Approved Goods and Services (Class 7) Registrant: United Mining Equipment Inc. Registration Address: 579 Pittsburgh Road Butler, PA 16002-7659 U.S.A. Valid term of registration: From November 7, 2012 to November 6, 2022 [Seal of the Trademark Office of the State Administration for Industry and Commerce of the PRC]





Certificates 证书

