



一力减震器

宁波一力减震器有限公司
Ningbo Yili Damper Co., Ltd



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Ningbo Yili Damper Co., Ltd
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公司简介

Company Profile

宁波一力减震器有限公司（宁波一力阻尼器有限公司）创建于1995年，位于国家级开发区宁波经济技术开发区，拥有建筑面积28000平方米的产业基地，一直致力于汽车减震器，汽车用气弹簧的研发和制造，是一家集产品开发、生产经营和技术服务为一体的科技型企业。

本公司生产的车辆减震器品种齐全，具有车辆悬架用减震器和车辆非悬架用减震器二大系列三百多个品种，品质安全可靠，使用寿命长，采用微裂纹镀铬活塞杆和当前最先进的双密封设计原理；汽车用气弹簧品种齐全，具有车辆引擎盖支撑气弹簧、车辆行李箱支撑气弹簧和汽车座椅角调气弹簧三大系列二百多个品种，品质安全可靠，使用寿命长，是国内最早研发生产变阻尼支撑气弹簧和硬锁定角调气弹簧的厂家之一。

本公司遵循“科学技术是第一生产力”的理念，积极同高等院校、科研单位合作，同国内外同行保持密切技术交流，提高员工素质、改进工艺设备、完善质保体系，全体员工本着“诚信为本、顾客至上、质量第一”的服务理念，团结敬业，务实创新，竭诚“让顾客完全满意”。

Ningbo Yili Damper Co., Ltd. was founded in 1995, with 28,000-square-meter building area, located in Ningbo Economic & Technical Development Zone (National Level). We have devoted to the developing, design and manufacturing on gas springs, oil cylinders for fitness equipment and rollers for treadmills. We are recognized as a Hi-tech enterprise with integrated business of development, manufacturing and technical support.

Our extensive range of gas springs are high quality, safe and reliable, with consistent forces, non-leakage and durable longevity; we are the first developer in China on gas springs with oil and gas for folding treadmills. Our full range of oil cylinders are featured with consistent forces and longer usage, without empty stroke or oil leakage; we take the lead in domestic market on developing adjustable oil cylinders with 12 forces options, applied in rowing machines and steppers. Our various rollers for treadmills are of high dynamic balance with low noise and long life; we are the first in China to apply some advanced techniques such as double-ended boring technology, steel tube precise drawing technology and double-ended tube necking technology.

Our company follows the philosophy "Science and technology is the first productivity" by close cooperation with universities, scientific research institutes to improve employees' professional behavior and the processing equipment, purify the Quality Assurance System continuously. Based on our service philosophy "credibility & integrity, customer first, quality first", our aim is chasing for the complete satisfaction for our honorable customers.



企业文化

Corporate Culture

企业宗旨： Corporate Mission

天人合一，和谐聚力

追寻员工、企业、社会与自然的和谐统一
激发员工实现人生价值的创造力
汇聚企业服务社会的生命力

Contribution to the society by manufacturing qualified products in an environmental friendly way

企业目标： Corporate Goal

小产品，大世界

一点一滴提高员工素质，一点一滴提高科技创新
一点一滴提高产品质量，一点一滴提高服务水平
让一力小产品，走向世界大舞台

Having our products used anywhere in the world
Improving the quality of products and character of our people steadily and continuously

企业精神： Corporate Spirit

真，善，美

真实，求真务实
善良，行善积德
完美，追求卓越

Truth, Virtue and Perfection
Truth--Being honest and pragmatic
Virtue--High Corporate Ethics to benefit and reward the society
Perfection--Striving for excellence

企业荣誉： Corporate Honor



技术研发 Research & Development

公司遵循“科学技术是第一生产力”的理念，积极同高等院校、科研单位合作，同国内外同行保持密切技术交流，拥有一支高素质的研发团队和先进的CAD平面设计和Pro/E、CATIA三维设计中心，具有强大的独立开发新产品能力，是国内最大研发生产单筒变阻尼支撑气弹簧和硬锁定角调气弹簧的厂家之一。

We follow the philosophy "Science and technology is the first productivity", cooperate with colleges and universities, scientific research institutes, owning a professional R&D team and a design center using CAD, Pro/E and CATIA. We are capable of developing new products independently as required; our patented products includes "Gas springs with a piston rod at each end", "Pressure adjustable compression oil cylinder" and "Double-ended necking machine".

实用新型专利证书
Certificates of Utility Model Patent



质保体系 Quality Assurance System



认证证书:
Certificates:

公司严格按照 ISO9001:2008 和 TS16949:2009 质量管理体系运作，拥有一支高素质的品管团队和一批先进的检测设备，品质检验覆盖外协入库检验、过程巡检和成品入库检验各个环节。在员工中树立“产品质量是靠做出来的”观念。重视各个岗位的自检和后工序检验前工序，重视设备工装的改进提高，确保产品质量零缺陷。

We are ISO9001:2008 certified company, furthermore, our QA system is in compliance with TS16949. We have an experienced quality control team and series of advanced testing equipment. Our quality inspection process covers the incoming inspection of raw material and outsourcing parts, process inspection and the finished products inspection. We operate the total quality management and in-process inspection, every working spot has the self-inspection process to achieve zero defects.

生产设备 Manufacturing Equipment

先进的工装设备是保证产品质量和高效生产的前提。公司拥有1条月产10万支车辆悬挂用减震器生产线，1条月产8万支车辆非悬挂用减震器生产线，1条月产15万支汽车引擎盖支撑气弹簧和汽车行李箱支撑气弹簧生产线，1条月产10万支汽车座椅角调气弹簧生产线。拥有全自动下料机、全自动平头倒角机、全自动硅烷处理和全自动 Ω 静电喷漆流水线等80多台（套）的先进生产设备。通过持续的技术改造，部分专用设备实现微电脑自动化控制，从而确保产品质量并提高生产效率。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines with monthly output of 60,000 units of rollers for treadmills. We have more than 80 sets of manufacturing equipment such as precise automatic lathes, automatic steel-tube cutting machines, automatic chamfering machines, automatic centerless grinding line and automatic painting line. Through the continuous technique improvement, some special equipment have been updated to be computerized to assure the product quality and improve the production efficiency.





Confen

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汽车悬架用减震器 Quality products

一力标准系列减震器采用高质量材料最大限度的防止了接头破裂和油封泄漏，延长了减震器的使用寿命。特殊的结构设计可使车辆在各种复杂的路况下操控自如。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines with



双筒液压减震器结构图

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产品表面喷漆前采用当前国际先进的硅烷处理工艺，在较大程度上提高了漆膜附着力，耐腐蚀性；产品盐雾试验可达300小时无缺陷；

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders.

采用先进的复合阀设计结构，有效消除了传统产品的发硬，空程等缺陷。进口定扭矩锁紧扳手，确保了产品阻尼力的一致性

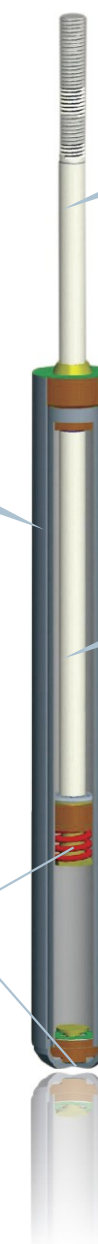
Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders.

活塞杆：
选用专业优质减震器材料，100%探伤检验，无裂痕；同时采用先进的微裂纹镀铬技术，表面形成网状微裂纹，达到含油自润滑作用，消除与油封的干摩擦，大大提高产品寿命。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders.

密封设计：
采用高性能进口材料油封，可在-40℃125℃大范围内安全使用；内腔加入硫化钼里基脂，大大降低了摩擦系数

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders.




标准型减震器



一力标准系列减震器采用高质量材料最大限度的防止了接头破裂和油封泄漏，延长了减震器的使用寿命。特殊的结构设计可使车辆在各种复杂的路况下操控自如。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines


机芯型减震器



一力机芯系列减震器外筒采用钢管精抽技术，有效保证了配合精度；使用高强度微裂纹镀铬的工艺，提高了连杆金属表面硬度，从而增强了产品的抗侧向力和抗摩擦性能！

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines with monthly output of 60,000 units of rollers for treadmills.


吊环托盘型减震器



一力吊环托盘系列减震器采用专用的涨凸台专机，使弹簧盘的配合面平滑整齐，可对悬架弹簧精确定位，安装方便；内腔充入氮气提高了对路况的适应灵敏性，同时减少泡沫的产生，让驾驶车辆更加舒适；

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines

赛车&改装车减震器



一力赛车&改装车系列减震器是为有经验的驾驶者量身定做的专业性减震器，它具以下优点：

1. 可调车身高度：车主可依自己的喜好将车身设定成前低后高或前高后低，满足各种不同需求；
2. 在专业赛车领域中，可帮助车辆设定配重，对于操控特性影响甚大；
3. 内部活塞杆部分，为彻底提升金属硬度，以承受更激烈的地面冲击，特别进行电磁感应硬度强化工艺结合微裂纹镀铬工艺，减少内阻力，延长密封件使用寿命；
4. 外部导管部分通过加强密封并采用减磨材质制造，提高减震筒寿命；

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines with monthly output of 60,000 units of rollers for treadmills. We have more than 80 sets of manufacturing equipment such as precise automatic lathes, automatic steel-tube cutting machines, automatic chamfering machines, automatic centerless grinding line and automatic painting line. Through the continuous technique improvement, some special equipment have been.

汽车悬架用减震器

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悬架总成减震器



悬架总成减震器严格按照OEM标准设计并制造;目前已开发奇瑞，高尔夫等悬架总成减震器。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines

托盘支架型减震器



一力支架型减震器采用了全自动MAG弹簧盘自动焊机，准确固定了悬架弹簧的安装角度，避免车辆轮胎偏磨以及刹车转向；内腔充入氮气提高车辆对路况的适应敏感性，同时降低减震油泡沫化；最大限度的保证了车辆的着地力和车辆的稳定性。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines

汽车非悬架用减震器
Quality products

驾驶室减震器系列广泛应用于汽车座椅及驾驶室与底盘之间，可起到二次衰减车辆振动的作用，且经济实用，是重型车，普通货车的理想组件。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines



驾驶室座椅减震器



驾驶室减震器系列广泛应用于汽车座椅及驾驶室与底盘之间，可起到二次衰减车辆振动的作用，且经济实用，是重型车，普通货车的理想组件。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with

汽车转向减震器



转向减震器：可以在所有路况下减少转向震动以及减缓驾驶者的疲劳，带来更高的操作性能。另外，这个组件可以减少轮胎的磨损以及前端组件的过早老化。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with

汽车发动机张紧器



广泛应用于各种轿车发动机，外筒采用进口铝合金材料，产品轻而坚固，内部加入戊基多元醇酯合成油，可使产品在各气候条件下安全使用。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of.



气弹簧 Quality products

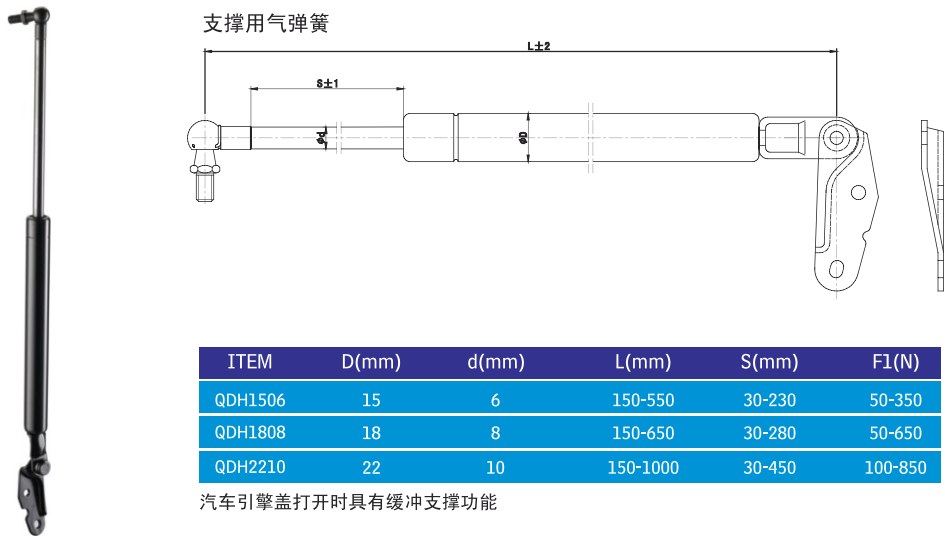
汽车用气弹簧品种齐全、安全可靠、力值一致、不渗漏气、使用寿命长，广泛应用于汽车引擎盖支撑、后备箱支撑、行李箱支撑和座椅角调等。

Advanced processing equipment is the prerequisite of the high quality products and high-efficient production. We have one production line with monthly output of 100,000 oil cylinders, 2 lines with monthly output of 200,000 gas springs and 2 lines with monthly output of 60,000 units of rollers for treadmills.

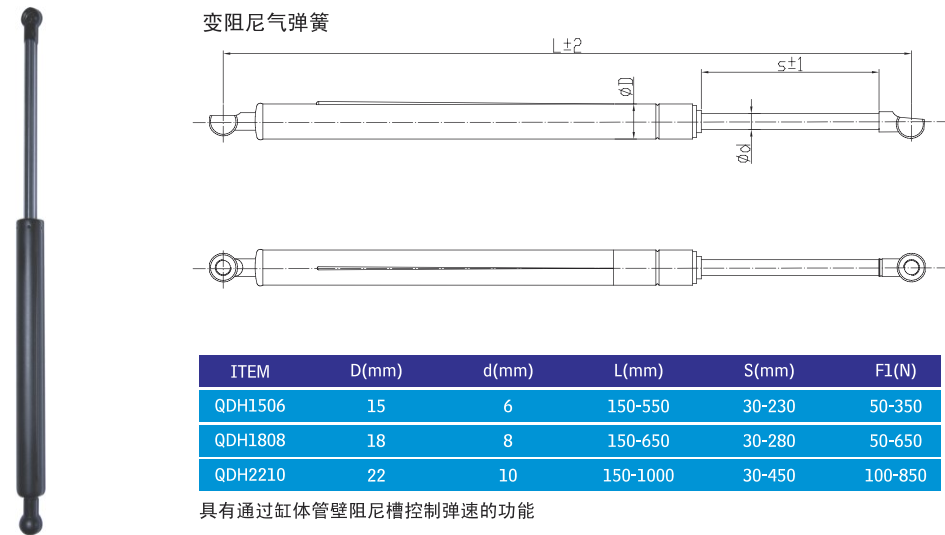


汽车引擎盖支撑气弹簧

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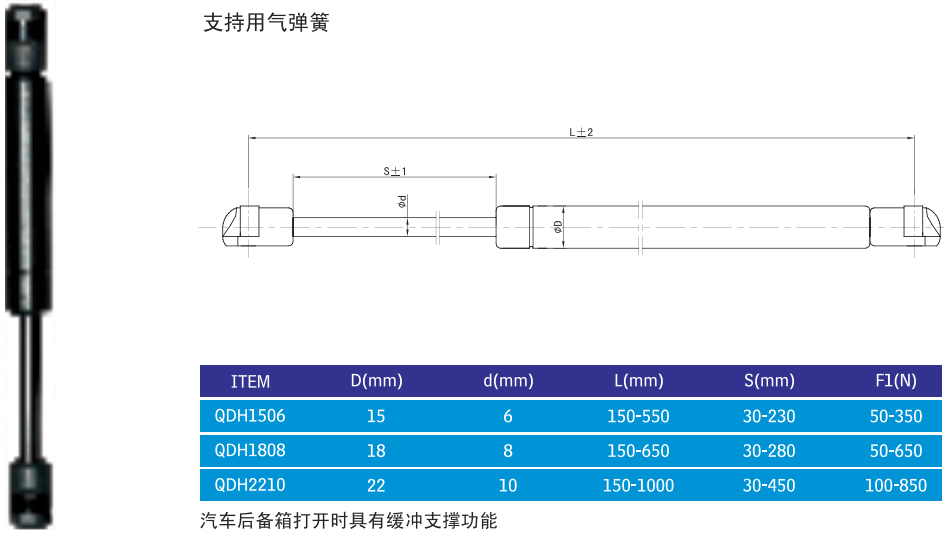
汽车引擎盖打开时具有缓冲支撑功能



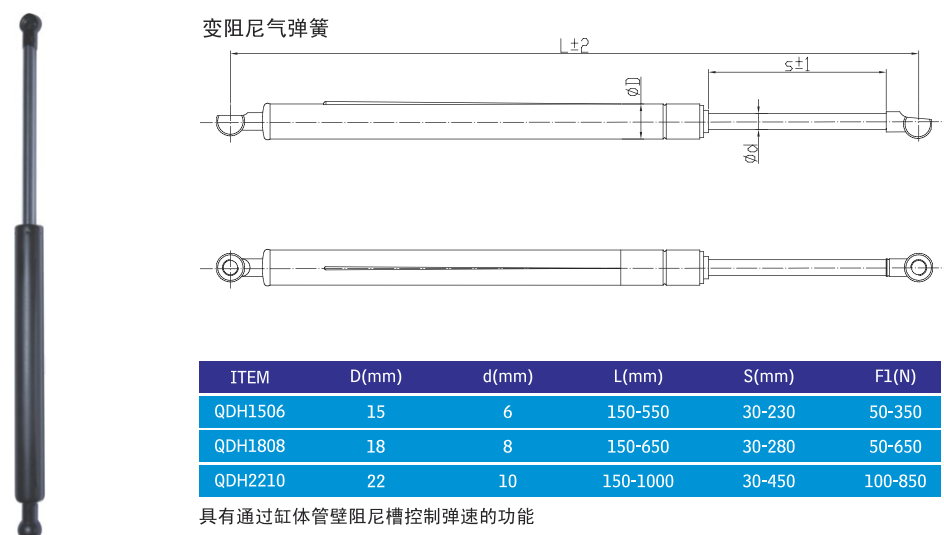
具有通过缸体管壁阻尼槽控制弹速的功能

汽车后备箱支撑用

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汽车后备箱打开时具有缓冲支撑功能



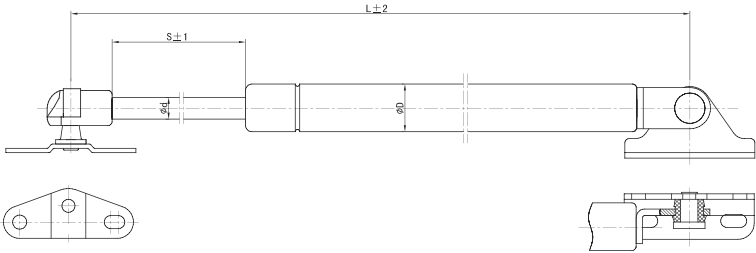
具有通过缸体管壁阻尼槽控制弹速的功能

客车行李箱支撑用

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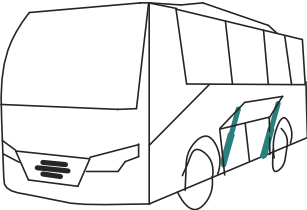


支持用气弹簧

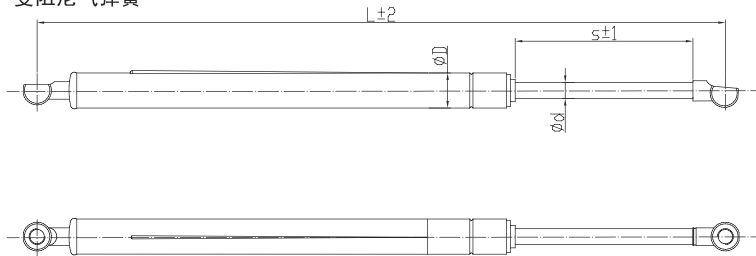


ITEM	D(mm)	d(mm)	L(mm)	S(mm)	F1(N)
QDH1506	15	6	150-550	30-230	50-350
QDH1808	18	8	150-650	30-280	50-650
QDH2210	22	10	150-1000	30-450	100-850

客车行李箱打开时具有缓冲支撑功能



变阻尼气弹簧



ITEM	D(mm)	d(mm)	L(mm)	S(mm)	F1(N)
QDH1506	15	6	150-550	30-230	50-350
QDH1808	18	8	150-650	30-280	50-650
QDH2210	22	10	150-1000	30-450	100-850

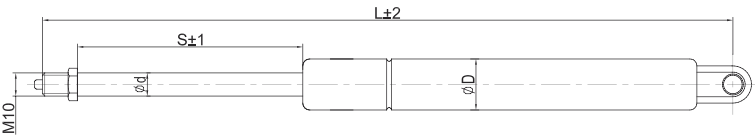
具有通过缸体管壁阻尼槽控制弹速的功能

汽车座椅可锁定角调气弹簧

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硬锁定角调气弹簧

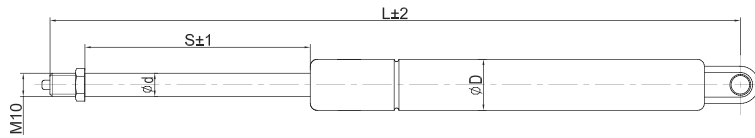


ITEM	D(mm)	d(mm)	L(mm)	S(mm)	F1(N)
QYK2210	22	10	220-1000	40-400	100-600
QYK2810	28	10	220-1000	40-400	100-800

具有油气隔离硬锁定功能



软锁定角调气弹簧



ITEM	D(mm)	d(mm)	L(mm)	S(mm)	F1(N)
QRK2210	22	10	200-1000	50-400	100-800
QRK2810	28	10	200-1000	50-400	100-1000

具有油气混合软锁定功能