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越洲™

三力士股份有限公司

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越洲工业皮带产品目录





ABOUT 公司简介 SANLUX

三力士股份有限公司是专业设计、专业生产各种橡胶V带（包布V带、切割V带及特种传动V带）及农机传动带、汽车传动带、输送带和胶管，传动系统的国家行业龙头企业。公司产品远销欧、美、亚、非70多个国家，三力士商标也已在德国、韩国、泰国、叙利亚、缅甸、土耳其等30多个国家和地区成功注册，三力士牌橡胶V带产销量、出口量均居全国同行业首位，经营效益居全国同行业前列。

公司始终坚持“以创新求发展，不断引领行业潮流；以质量为根本，用品质创造价值；视品牌为生命，全力打造世界名牌”的经营理念，生产经营过程中，把技术创新作为公司核心竞争能力的重要举措，公司拥有省级企业技术研究中心，并建立了设备齐全、功能先进的实验室。创世界名牌，打造百年企业，是一项长期的系统工程，也是企业发展的必然趋势，三力士将以上市为契机，一如既往地拼搏奋进，务实创新，开拓进取，把企业发展推向一个更高层次，为社会创造更大的贡献。

2005年，三力士牌橡胶V带被认定为中国名牌、国家免检，同年12月，三力士商标被认定为中国驰名商标。2008年，浙江三力士橡胶股份有限公司在深圳证券交易所成功上市，股票名称：三力士，代码：002224。2010年，三力士余渚新厂区落成，占地面积达12.68万平方米。30多年来，企业实现了飞速发展，成为国内橡胶V带行业的领军企业，成为国家火炬计划重点高新技术企业、全国质量效益型先进企业、浙江省诚信企业、浙江省重点培育和发展的出口名牌企业。

Sanlux Co., Ltd is a leading enterprise specializing in manufacturing of all kinds of rubber transmission belts, such as classical wrapped V-belts, clogged V-belts. agriculture v-belt, automotive belt, transmission system, conveyor belt and hoses. The company has served customer in over 70 countries and region including Europe, America, Asia and Africa. The brand name is registered in countries and regions including Germany, Korea, Thailand, Syria, Burma, and Turkey. Both production volume and market share of Sanlux rubber transmission belts rank first in the field in the country Plus, export sales of rubber transmission belts also rank first in the field in the local country.

The company has committed itself to upholding the management philosophy that "to pursue the sustainable development via innovation , and take the lead of trend in the industry, to take quality as the fundamental, and create value through quality;to regard the brand as life, and strive to build international brand.During the process of production and management, Sanlux has insisted on the technological innovation as its core competence.It is one of the province-grade key Hi-Tech enterprises and has well-equipped and advanced laboratory. It is a long- term engineering and in exorable trend to create world famous brand and form a one hundred years enterprise. Taking advantage of being a listed company, Sanlux will strive forward, persist innovation with down-to-earth attitude, continue exploration, and push itself to a higher level so as to in.

2005, Sanlux V-belts was awarded the title of "China Top Brands""National inspection-exemoted Product, National inspection exemoted Product China well-known Trademark Sanlux was Successfully launched in Shenzhen market in 2008. Yu Zhuxin completed Sanlux factory covers an area of 126 thousand and 800 square meters in 2010.After over thirty years sustainable development it has taken the lead in the domestic V-belt industry. It has been awarded the title of "State High & New Tech Enterprise. "Advanced Enterprise in Product Quality and Economic Efficient" "Honest and Faithful Enterprise in Zhejiang and Premium Export Brands Enterprise with high attention by Zhejiang Province.

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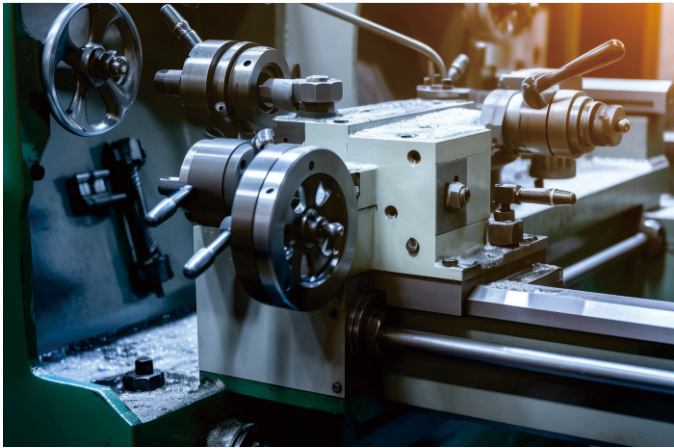
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INDUSTRY BELTS

PRODUCTS CATALOGUE



普通包布V带 Classical Wrapped V-belt

- 普通包布V带符合GB/T 1171和GB/T 11544标准，能够满足各种工程领域的传动要求。
The Classical wrapped V-belt comply to GB/T 1171 & GB/T 11544 standard and meets the transmission requirements of engineering fields.



型 号 PRODUCTION TYPE	顶 宽 TOP WIDTH	节 宽 PITCH WIDTH	高 度 HEIGHT	角 度 ANGLE	长度范围 (毫米) LENGTH RANGE (MM)	长度换算 LENGTH CONVERSION	标识标准 FACTORY MARK
Z	10	8.5	6	40°	330—5000	Li=Ld-22	Li
A	13	11.0	8	40°	356—9000	Li=Ld-30	Li
B	17	14.0	11	40°	483—15500	Li=Ld-40	Li
C	22	19.0	14	40°	762—16000	Li=Ld-58	Li
D	32	27.0	19	40°	1524—16000	Li=Ld-75	Li
E	38	32.0	23	40°	2997—16500	Li=Ld-80	Li
F	50	42.5	30	40°	3800—16500	Li=Ld-120	Li

三力士股份有限公司
GB/T 12730-2018
GB/T 1171-2017

A 2819 Li 2849 Ld

2023-09 (0) 合格
2023-09 (0) 合格
2023-09 (0) 合格

特性 CHARACTERISTIC

- 1. 温度范围-30°C~70°C。
Temperature range from -30°C~70°C.
- 2. 普通包布V带具有高强力，低伸长，配组公差小，耐疲劳度达107次以上等优点。
Classical wrapped V-belts feature high strength, low protraction, small matching tolerance and a fatigue endurance limit of over 107 times.



窄型包布V带 Narrow Wrapped V-belt

- 窄型包布V带符合GB/T 1171和GB/T 11544标准，能够满足各种工程领域的传动要求。
The Narrow wrapped V-belt comply to GB/T 1171&GB/T 11544 standard and meets the transmission requirements of engineering fields.



型 号 PRODUCTION TYPE	顶 宽 TOP WIDTH	节 宽 PITCH WIDTH	高 度 HEIGHT	角 度 ANGLE	长度范围 (毫米) LENGTH RANGE (MM)	长度换算 LENGTH CONVERSION	标识标准 FACTORY MARK
3V(9N)	9.0	/	8.0	40°	406—5283	La=Li+50	La
5V(15N)	15.0	/	13.0	40°	1118—9296	La=Li+82	La
8V(25N)	25.0	/	23.0	40°	2210—15138	La=Li+14	La
SPZ	10.0	8.5	8.0	40°	500—5283	4La=Li+50	La
SPA	13.0	11.0	10.0	40°	600—5300	La=Li+63	La
SPB	17.0	14.0	14.0	40°	1120-9300	La=Li+88	La
SPC	22.0	19.0	18.0	40°	1380-15000	La=Li+133	La

三力士股份有限公司
GB/T 12730-2018
GB/T 1171-2017

SPA 3070 La 3048 Ld

2023-09 (0) 合格
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2023-09 (0) 合格

特性 CHARACTERISTIC

- 1. 温度范围-30°C~70°C。
Temperature range from -30°C~70°C.
- 2. 窄型包布V带具有横向刚度大，传递功能比普通V带高50%-100%，传动极限速度40m/s，传动效率95%以上。
Narrow wrapped V-belts offer high transeverse stiffness and a transmission power > 50% higher than classical V-belts.The transmission limiting speed reaches 40m/s and the transmission efficiency over 95%.

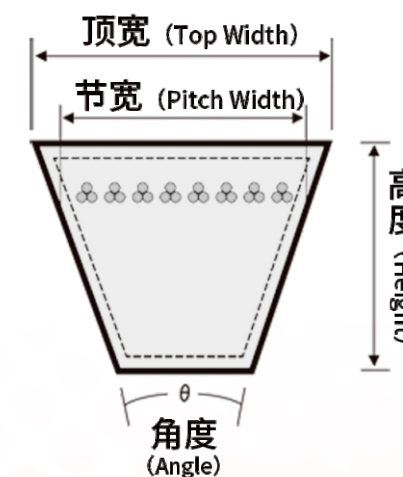




普通包布V带

Classical Wrapped V-belt

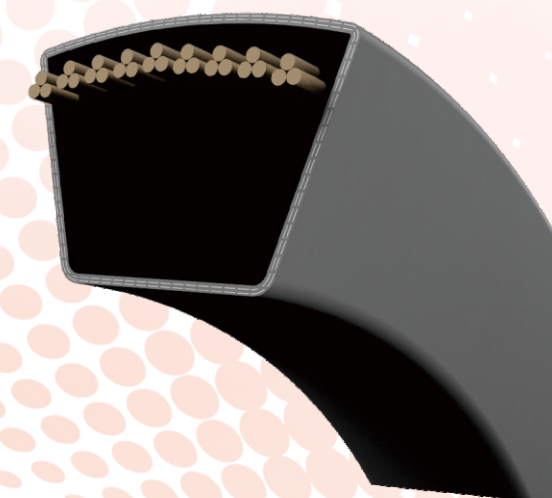
- 普通包布V带符合GB/T 1171和GB/T 11544标准，能够满足各种工程领域的传动要求。
The Classical wrapped V-belt comply to GB/T 11718&GB/T 11544 standard and meets the transmission requirements of engineering fields.
- 型号：Z、A、B、C、D、E、F
V-belt type: Z、A、B、C、D、E、F
- 特性：温度范围-30C~70°C。
普通包布V带具有高强力，低伸长，配组公差小，耐疲劳度达107次以上等优点。
Peculiarity: Temperature range: -30C~70°C.
Classical V-belts feature
-high strength
-low stretch
-match tolerance
-fatigue endurance limit > 107 times.



窄形包布V带

Narrow Wrapped V-belt

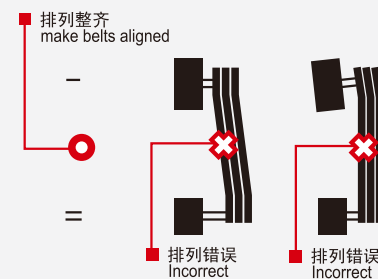
- 窄形包布V带符合GB/T 1171和GB/T 11544标准，能够满足各种工程领域的传动要求。
The Narrow Wrapped V-belt meets the GB/T 11718&GB/T 11544 standard and meets the transmission requirements of engineering fields.
- 型号：SPZ、SPA、SPB、SPC、3V、5V、8V
V-belt type: SPZ、SPA、SPB、SPC、3V、5V、8V
- 特性：温度范围-30C~70°C。
窄型包布V带具有横向刚度大，传递功能比普通V带高50%-100%传动极限速度40m/s，传动效率95%以上。
Peculiarity: Temperature range: -30C~70°C.
Narrow wrapped V-belts offer high tranverse stiffness and a transmission power >50% higher than classical V-belts. The transmission limiting speed reaches 40m/s and the transmission efficiency over 95%.



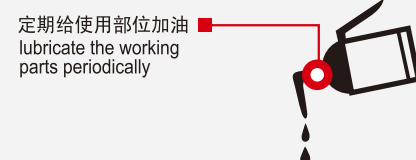
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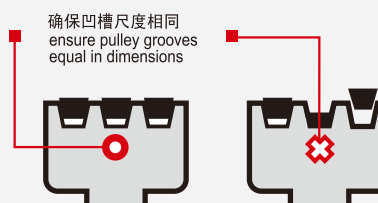
准备 PREPARATION



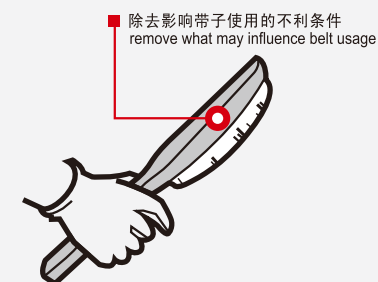
请检查带轮并使其排列整齐。不正确的排列位置可能会缩短带子的使用寿命。
Please check the pulleys and make them aligned. Incorrect alignment may shorten the service life of belts.



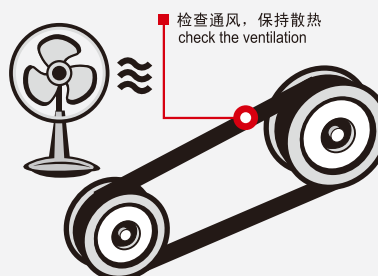
请检查带轮的主要部分并定期给使用部位加油。
Please check the main components of pulley and lubricate the work-ing parts periodically.



请检查带轮的凹槽，确保它们有着相同的尺度。
Please check the pulley grooves and make sure they are all equal in dimensions.

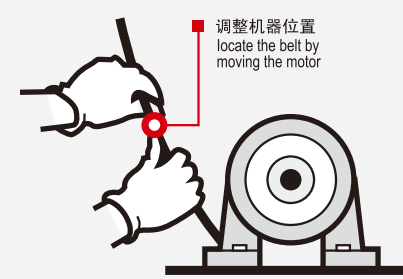


请检查带轮的磨损，尽可能地除去锈块，污垢，油脂等可能影响带子使用的不利条件。
Please check the pulley abrasion and remove any rust, dirt or grease that may influence belt usage.

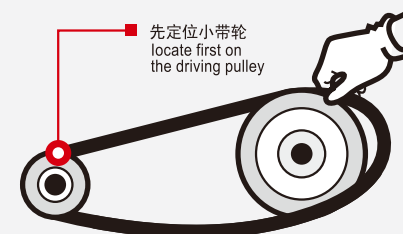


请检查通风状况，确保带轮和带子在运转时能保持散热。
Please check the ventil-ation and ensure sound heat dissemination of the pulley and belt in operation.

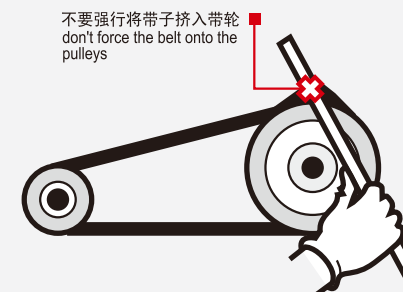
安装 INSTALLATION



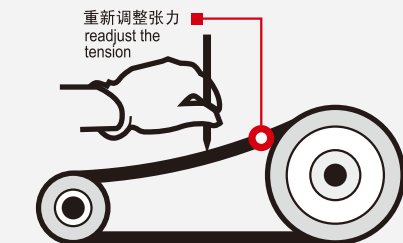
首先调整机器位置，便于安装。
Please locate the belt by moving the motor.



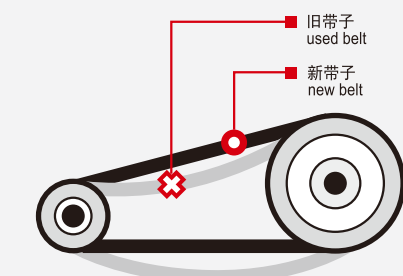
请逐条将带子放入带轮，注意先将带子定位在小带轮上。
Please put belts onto the pulley one by one and locate the belts first on the driving pulley.



不要使用撬杠强行将带子挤入带轮，但缓慢地转动带轮会使带子容易安装。
Do not use a lever to force the belt onto the pulleys but turning the pulley slowly can facil-itate installation.



张紧带子以避免满载时打滑，运转5分钟后再次张紧。带子运转一段时间后，必要时请重新调整张力。
Apply tension to prevent slippage at full loading and run 5 minutes and re-tension. If necessary please readjust the ten-sion after belts running a few days.



请不要将新旧带子配在一组使用，由于它们之间不平衡的伸展性会大大缩短带子的使用寿命。
Do not combine to use new and used belts in one set that may shorten the belt life due to the unbalanced stretch of belts.

V带和带轮的使用 DIRECTION OF USE

■ 橡胶V带的使用 Usage of Rubber V-belt

橡胶V带从设计原理分析，属于摩擦传动。机械装置的主动轮和被动轮在传动时，产生一定的打滑，在V带与带轮之间产生摩擦力。在摩擦力的作用下，电机的动能从主动轮传递到被动轮，使负载产生动作。

In terms of design principle, Rubber V-belts fall into the category of friction drive. In the mechanical interaction of the driving and driven pulleys, certain frictional force is generated between the V-belt and the pulley. As a result of the frictional force, the electromechanical energy is transferred from the driving pulley to the driven pulley and the conveying load is set in motion.

因此，橡胶V带使用时，要注意几点：

When using the rubber V-belt, attention should be paid to the following points:

■ 保持张紧力 Keep the tension

为了避免V带过度打滑，导致V带发热变粘、变软。V带使用时必须保持一定的张力，V带使用初期（使用72小时），必须及时再张紧。后续使用中，根据V带的实际情况，不断调节张力。

In order to prevent heating, adherence and softening of the V-belt resulted from excessive slippage; certain amount of tension must be maintained when the V-belt is in usage. In the initial period (within 72 hours of usage), the V-belt should be re-tensioned in time. After that, the tension should be constantly readjusted in accordance with specific conditions of the V-belt

■ 带轮不能太小 Pulley cannot be too small

每种橡胶V带，都有一个最小的允许弯曲半径，V带的弯曲变化太大将直接影响V带疲劳寿命。详见表：

Each rubber V-belt has a minimum bending radius. Excessive changing of bending will decrease the service life of the V-belt. See the following table for details.

带 型 Belt Type	Y	Z	A	B	C	D	E
带轮最小直径(mm) Minimum Diameter of Pulley	20	50	75	125	200	355	500
带 型 Belt Type	SPZ	SPA	SPB	SPC	3V	5V	8V
带轮最小直径(mm) Minimum Diameter of Pulley	63	90	140	224	67	180	330
带 型 Belt Type	ZX	AX	BX	CX	3VX	5VX	
带轮最小直径(mm) Minimum Diameter of Pulley	40	56	90	140	56	112	
带 型 Belt Type	XPZ	XPA	XPB	XPC			
带轮最小直径(mm) Minimum Diameter of Pulley	50	A63	100	160			

■ V带速度 Velocity of V-belt

V带传动时，线速度控制在15～20米/秒：V带的屈挠次数，控制在40次/秒。

The linear velocity of the V-belt in operation should be maintained at around 15 ~ 20 meters per Second. The anti-yielding number of the V-belt should be around 40 times per Second.

■ 选择合适的功率 Select Appropriate Power

根据V带的传动工作情况，选择合适的传动功率，确认应该装配的V带型号和配置数量。

Appropriate transmission power should be selected according to the transmission work of the V-belt. The model and quantity of V-belts to be installed should be verified accordingly.

■ 带型的选择 Choices of V-belt Type

普通V带的带型根据传动的设计功率和小带轮的转速选取，如图1：

The types of Classical V-belt should be selected as per both the transmission defined power and the velocity of small belt pulley, see picture 1:

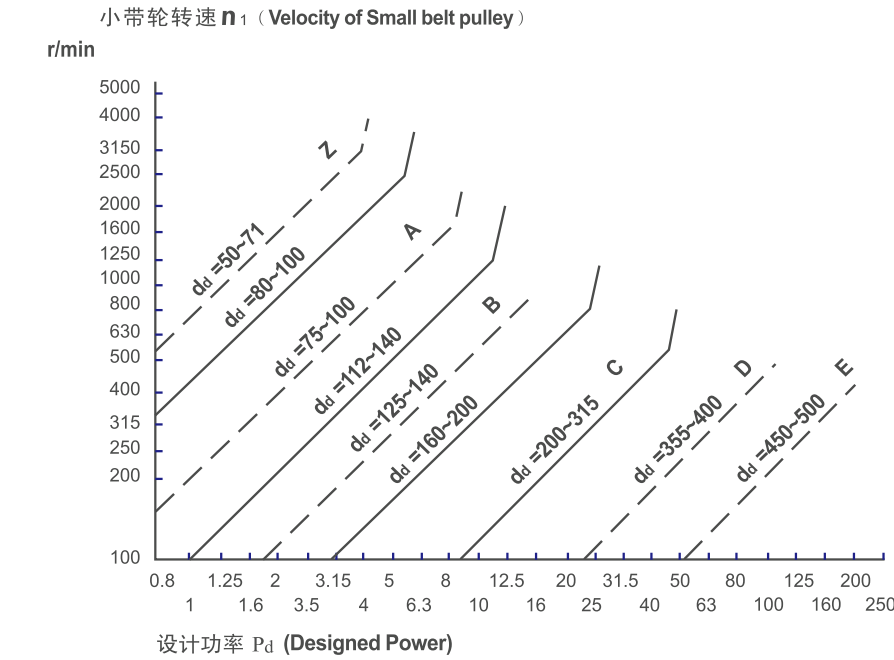


图1. 普通V带选型图 (picture 1)

窄形V带的带型根据传动的设计功率和小带轮的转速选取，如果选择点处于两种带型的交界处，就按两种带型来设计，最后按实际情况选择其中一种，如图2：

The types of Wedge V-belt should be selected as per both the transmission defined power and the velocity of small belt pulley, see picture 2; If choosing point is lied to the boundary of two belt types, please design as these twos then select one according to actual conditions.

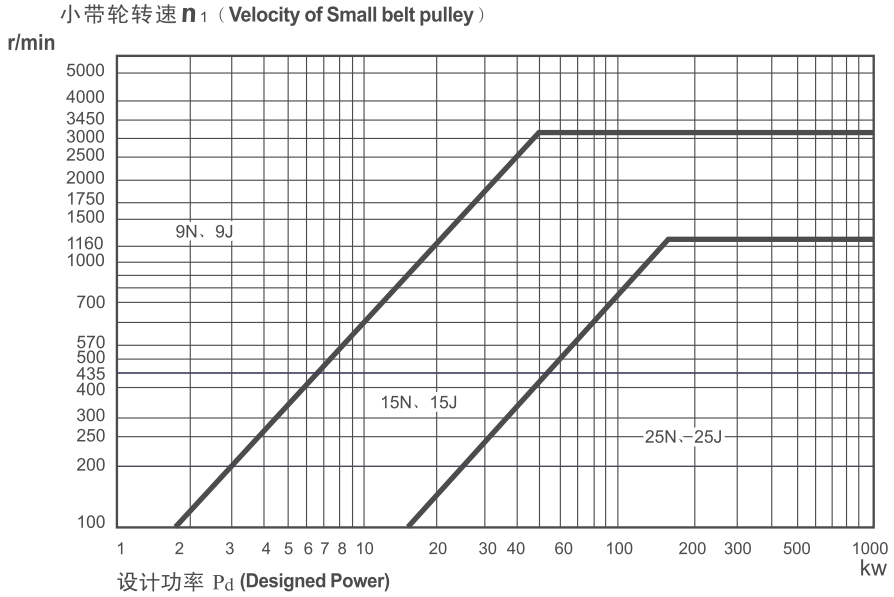


图2. 窄形V带选型图 (picture 2)



追求完美质量
创立国际品牌
打造百年企业

企业愿景：

成为全球橡胶传动系统整合者

企业使命：

以产业报国、科技兴国为己任，以中国橡胶三角带行业领头人的身份引领员工成就自己，与三力士共同发展，让三力士成为国际知名的胶带行业领跑者。

经营理念：

以创新求持续发展，不断引领行业潮流；以质量为根本，用品质创造价值；视品牌为生命全力打造世界名牌。