

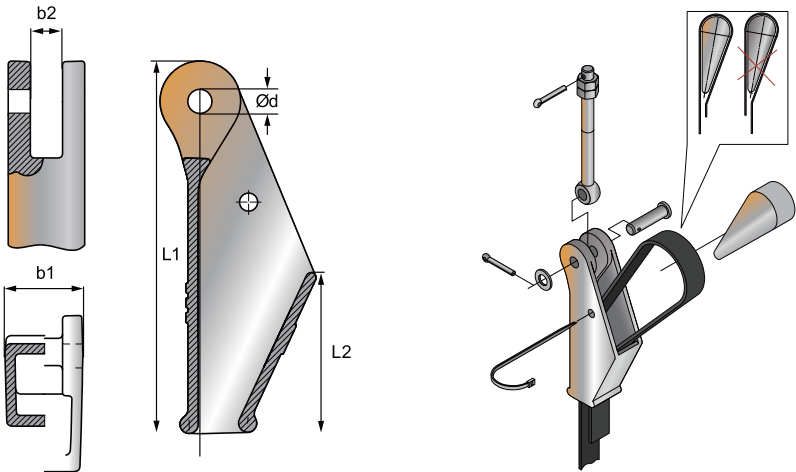
Technical parameters of Coated-Steel Flat Belts

常用曳引钢带技术参数：

Specification/ Piece number 规格/件号	Width (mm) 宽度	Thickness (mm) 厚度	Number of wire core 钢丝芯数	Minimum Breaking Force 最小破断力	Appearance 外观
AAA717AJ2	30	3.2	10	43KN	Two sides bright 两面光明
AAA717AJ1	25	3.2	8	32KN	Two sides bright 两面光明
AAA717X	30	3	12	32KN	Two sides bright 两面光明
AAA717X1	30	3	12	32KN	Two sides bright 两面光明
AAA717W1	30	3	12	32KN	Single side V pattern 单面V纹
AAA717AM2	30	3.2	10	43KN	Two sides bright 两面光明
AAA717AP2	30	3.2	10	43KN	Two sides bright 两面光明
AAA717AP3	30	3.2	10	43KN	Two sides bright 两面光明
AAA717AD1	60	3	24	64KN	Two sides bright 两面光明
AAA717R1	60	3	24	64KN	Single side W pattern 单面W纹

Steel belt connection method

钢带连接方式



Non-steel wire rope suspension means
for lifts

No: 2025-W265

File No.Z006-WY22/BG-J/0-20240701

Commissioned Test Report

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Name of Product		Traction Coated Belt		Model of Product		AAA717AJ2		
Product Batch Number		250418		Manufacturing Date		2025-04-18		
Applicant		Name	Shaanxi QunTiYongXian Elevator Group Co.,Ltd					
		Address	18F,XinYuan center,Feng He RD,Lianhu Dist.Xi'an,Shaanxi Prov.China					
Manufacturer		Name	Qingdao Longera Traction Technology Co.,Ltd					
		Address	No.232 Gaojiazhuang Village, Tongji Town,Jimo,Qingdao,China					
Technical parameters and configuration		Coated Rope	Nominal Diameter (mm)	/		Nominal Diameter of Load-bearing Member (mm)	/	
		Coated Belt	Nominal Width (mm)	30.0		Nominal Width of Load-bearing Member (mm)	/	
			Nominal Thickness (mm)	3.2		Nominal Diameter/Thickness of Load-bearing Member (mm)	Φ1.98	
		Material and Quantity of Load-bearing Member		Steel wire, 10 pieces		Structure of Load-bearing Member		7×7
		Breaking Force of Load-bearing Member (N)		≥3150		Declaration of Simple Bending Times		/
		Minimum Breaking Force (kN)		50.0		Material of Coating		TPU
Surface Shape of Traction Sheave		/			Manufacturer		/	
Material of Surface Coating(Plating) of Traction sheave		/						
Type of Rope Termination		/		Manufacturer		/		
Location of test		Shanghai Jiao Tong University Elevator Test Center						
State of sample		No abnormal			Test Date		2025-06-23	
Test conditions		No abnormal			Category of test		Commissioned Test	
Test basis		GB/T 39172-2020 Non-steel wire rope suspension means for lifts						
Test conclusion		After test: For the coateds belt samples, the testing breaking force meet the requirements of the relevant provision of GB/T 39172-2020.						
Tested by		王超杰,		Date		2025-06-23		
Verified by		张羽		Date		2025-06-23		
Approved by		张婉峰		Date		2025-06-23		

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Instructions for use of elevator traction steel belt

电梯曳引钢带使用说明

I . Replacement of elevator steel belt

一、 电梯钢带的更换

1. The replacement of elevator steel belt should be carried out in accordance with the regulations of the elevator manufacturer, or at least meet the equivalent requirements of steel belt strength, quality and design.

1. 电梯钢带的更换应按照电梯制造商的规定执行， 或至少应满足钢带强度质量及设计的等效要求。

2. Elevator steel belts that have been installed and used in other elevators should not be used again.

2. 已经在其他电梯上安装使用过的电梯钢带不应再次使用。

3. Elevator steel belts should be replaced as a whole set.

3. 电梯钢带应该整组更换。

4. The same set of elevator steel belts should be new elevator steel belts with the same material, grade, structure and size supplied by the same manufacturer.

4. 同一组电梯钢带应是同一厂商供应的材质、 等级、 结构以及尺寸都相同的新电梯钢带。

II . The elevator steel belt should be replaced when the following conditions occur after the elevator steel belt is worn.

二、电梯钢带磨损后当出现下列情况时应更换电梯钢带。

1. The steel cord, strand or steel wire in the strand penetrates the coating;

1. 钢帘线、 股或股中的钢丝穿透涂层；

2. The coating is worn and part of the steel cord is exposed and worn;

2. 涂层被磨破， 部分钢帘线暴露后受磨；

3. In addition to the continuous monitoring device for the residual strength of the steel cord configured in accordance with the requirements of the elevator manufacturing and installation safety regulations, red iron powder appears on any part of the elevator steel belt. (The red iron powder of grooved elevator steel belt first appears in the groove, of course not all redness is iron powder.)

3. 除根据电梯制造与安装安全规范的要求配置了对钢帘线剩余强度的持续监控装置外， 电梯钢带的任一部位出现红铁粉。（带有槽的电梯钢带的红铁粉首先在槽中出现， 当然并非所有的变红就是铁粉。）

4. If an elevator steel belt in the elevator needs to be replaced due to wear, a group of composite steel belts in use should be replaced at the same time.

4. 如果电梯中一根 电梯钢带因磨损需要更换， 则在用的一组复合钢带应同时更换。

III. Replacement of elevator steel belts after damage

三、电梯钢带损坏后更换

1. The load-bearing steel cords in the elevator steel belt need to be replaced after being damaged by external objects. If only the coating of the elevator steel belt is damaged and the load-bearing steel cords are not damaged or exposed but not worn, the elevator steel belt does not necessarily need to be replaced.

1. 电梯钢带中承载钢帘线被外部物件破坏后需要更换。 如果仅仅是电梯钢带的涂层受损而承载钢帘线并没有受到损坏或虽然外露但未受磨损， 此时该电梯钢带不一定需要更换。

2. If one of a group of elevator steel belts is found to be damaged during the installation of the elevator or before the elevator is put into use, it is allowed to replace only the damaged steel belt. In addition, the entire group of elevator steel belts needs to be replaced.

2. 如果在电梯安装过程中或电梯投入使用前发现一组电梯钢带中的一根发生损坏， 则可以允许只更换损坏的那一根钢带。 除此之外， 整组电梯钢带均需更换。

3. All elevator steel belts after the initial installation (including damaged parts) should not be shortened.

3. 初次安装后所有电梯钢带 （包括受损的部件） 均不应缩短。

4. The tension of the newly replaced elevator steel belt should be checked. If necessary, the tension of the elevator steel belt should be adjusted every half a month after two months of installation. If the tension cannot be kept basically balanced after six months, the entire set of elevator steel belts should be replaced.

4. 应检查新换电梯钢带的张紧程度， 必要时， 在新装两个月后每半个月调整一次电梯钢带的张紧力。 如果六个月后的张紧程度还不能保持基本均衡， 则应将整组电梯钢带全部更换。

5. The fastening device of the replaced elevator steel belt should be the same as the fastening device of other elevator steel belts in the group.

5. 更换电梯钢带的紧固装置应和该组其他 电梯钢带的紧固装置相同。

6. When the elevator steel belt is permanently knotted, bent or deformed in any form, the component should be replaced.

6. 电梯钢带发生永久性的打结、 弯曲或任何形式的变形时， 应更换该部件。

IV. The elevator steel belt needs to be replaced when the remaining strength is insufficient.

四、电梯钢带剩余强度不足后需要更换。

The elevator steel belt should be replaced when the load-bearing steel cord strength of the elevator steel belt reaches the residual strength standard. Ensure that the residual strength of the elevator steel belt when replaced is not less than 60% of its rated breaking tensile force.

电梯钢带的承载钢帘线强度达到剩余强度标准时应更换该电梯钢带。 确保电梯钢带更换时的剩余强度不低于其额定破断拉力的 60%。