TPA 玖钧传动 Motion Control

LINEAR MODULES EUROPE TYPE

欧规模组



玖钧传动·智造兴邦

玖钧传动·智造兴邦

详细代理商资料查询TPA官网 Please check TPA official website for detailed agent information

华东制造基地：East China manufacturing base:
电 话 Tel:0512-50127418
地 址：江苏省昆山市玉山镇元丰路平乐路58号
Address: No. 58, Pingle Road, Yuanfeng Road, Yushan Town, Kunshan City, Jiangsu Province

华南制造基地：South China manufacturing base:
地 址：深圳市坪山区坑梓街道金沙社区东联工业区5号玖钧产业园
Address: JiuJun Industrial Park, No. 5, Donglian Industrial Zone, Jinsha Community, Kengzi Subdistrict, Pingshan District, Shenzhen City

上海分公司：Shanghai Branch
地 址：上海市松江区车墩镇北松公路5255号(智兆大厦)
Address: No.5255 Beisong Highway, Chedun Town, Songjiang District, Shanghai (Zhizhao Building)

北京办事处：Beijing office:
地 址：北京经济技术开发区科创十四街6号院1号楼
Address: Building 1, Yard 6, Kechuangshisi Street, Beijing Economic and Technological Development Zone

无锡办事处：Wuxi office:
地 址：无锡新吴区浩展大厦
Address: Haozhan Building, Xinwu District, Wuxi

东莞办事处：Dongguan office:
地 址：东莞市寮步镇环翠路2号通圣高新科技园办公楼三楼
Address: 3/F, Office Building, Tongsheng Hi-Tech Industrial Park, No. 2, Huancui Road, Liaobu Town, Dongguan City

浙江办事处：Zhejiang office:
地 址：浙江省绍兴市上虞区江扬路888号中富大厦
Address:Zhongfu Building, 888 Jiangyang Road, Shangyu District, Shaoxing City, Zhejiang Province, China

华中办事处：Central China office:
地 址：武汉市江夏区关南四路35号东港科技产业园
Address: Donggang Science and Technology Industrial Park, No.35 Guannansi Road, Jiangxia District, Wuhan City

深圳办事处：Shenzhen office:
地 址：深圳市龙华区龙华街道龙观东路57号时代大厦
Address: Times building, No.57,Long Guan East rd, Longhua district, Shenzhen

版权所有※翻印必究 本型录内容如有变更，恕不另行通知，敬请谅解。 The contents of this catalogue are subject to change without prior notice.

TPA 网站 TPA website

微信公众号 Wechat public account

产品资料 Product Information

三维选型 Three-dimensional selection

抖音号 Douyin

UL Solutions

ISO 9001

CE

产品型录编号:TPA-BD-ZE-004



维护保养手册

一、日常检查项目

线性模组是一种常见的皮带传动机构，在实际操作中，被广泛应用到各种各样的设备中，因使用环境和使用工况不同，需要及时检查和维护。

日 常 检 查 项 目	
1. 检查部件表面是否有损伤，压痕和摩擦情况。	2. 检查皮带是否张紧，是否达到张力计参数标准。
3. 调试的时候因查阅同步带参数避免速度过快撞机。	4. 模组程序启动，人应离开模组安全距离，避免人身伤害。

二、周期维护项目

配 件	维 护 方 案	维 护 周 期	具 体 操 作
同步带	垂直使用情况下，皮带张紧力校核。	每半个月检查下皮带松弛。	把张力计对着皮带间距10MM处，手拨动皮带，皮带震动显示数值，是否达到出厂时的参数值，若不是，拧紧张紧机构。
线性滑轨	增加润滑脂(粘度:30-150cts)清理旧油污，注入新润滑脂。	每月一次或每行走100KM的距离。	用无尘布直接擦拭干净轨道表面及轨道珠槽，将新润滑脂直接注入油孔。

三、异常问题以及解决方法

线 性 模 组 异 常 情 况	维 修 、排 除 方 法
电源接入时产生异音	1. 调整伺服驱动器内参数“机械共振抑制”数值。 2. 调整伺服驱动器内参数“自动调谐”数值。
如联轴器，同步轮出现打滑	1. 检查同步轮，连轴器是否锁紧。 2. 检查同步轮，连轴器是否带键槽。 3. 同步轮和连轴器的轴是否匹配。
马达运转时滑台不顺畅	1. 检查刹车是否释放。 2. 将马达与线性模组分离，手推滑动座，判断问题点原因。 3. 检查联轴器固定螺丝是否松动。 4. 检查线性模组移动区域是否有异物掉落。
皮带模组运行出现定位精度不准	1. 检查皮带是否松弛，皮带出现跳齿。 2. 检查皮带导程输入数值是否正确。
如伺服电机报警，显示过载	1. 检查刹车是否释放。 2. 检查联轴器固定螺丝是否松动。 3. 因加减速机，加大速比，增大扭矩，降低速度。

另本公司负责自身商品的故障维修，并不负责因产品故障引起的其他损失。

Maintenance manual

一、Daily inspection items

Linear module is a common belt transmission mechanism, which is widely used in all kinds of equipment in actual operation. It needs to be checked and maintained in time because of the different environment and working conditions.

Daily inspection items	
1. Check the surface of parts for damage, indentation and friction.	2. Check whether the belt is tensioned and meets the parameter standard of tensiometer.
3. When debugging, consult the timing belt parameters to avoid too fast collision.	4. When the module starts, people should leave the module at a safe distance to avoid personal injury.

二、Periodic maintenance project

Parts	Maintenance scheme	Maintenance cycle	Specific operation
Synchronous belt	Under vertical use, belt tension Check.	Check the belt slack every half month.	Point the tensiometer at the belt spacing of 10mm, and touch the belt by hand. The vibration of the belt shows whether the value reaches the factory parameter value. If not, screw the tensioning mechanism.
Linear slide rail	Add grease (viscosity: 30-150cts) Clean up old grease and inject new grease.	Once a month or every 100KM distance.	Clean the track surface and track bead groove directly with a dust-free cloth, and directly inject new grease into the oil hole.

三、Exceptions and solutions

Linear module abnormal situation	Maintenance and troubleshooting methods
Abnormal sound is produced when the power supply is connected.	1. Adjust the value of the servo drive parameter "mechanical resonance suppression". 2. Adjust the value of Auto tuning in the servo driver.
For example, the coupling and synchronous wheel slip.	1. Check whether the synchronizing wheel and coupling are locked. 2. Check whether the synchronizing wheel and coupling have keyways. 3. Whether the shafts of the synchronizing wheel and the coupling are matched.
The sliding table is not smooth when the motor is running.	1. Check the brake release. 2. Separate the motor from the linear module and push the sliding seat to determine the cause of the problem. 3. Check the coupling setting screws for loosening. 4. Check whether foreign objects have fallen from the moving area of the linear module.
The positioning accuracy of belt running is inaccurate.	1. Check whether the belt is slack, and the belt has tooth jumping. 2. Check whether the input value of belt lead is correct.
If the servo motor alarms, overload is displayed.	1. Check the brake release. 2. Check whether the coupling fixing screw is loose. 3. Increase the speed ratio, torque and speed by adding a reducer.

In addition, the company is responsible for the fault maintenance of its own goods, and is not responsible for other losses caused by product failure.