

### 滚动轴承回转链 Rolling bearing rotary chains

扶梯回转链一般都是采用滚动轴承设计，扶手带与导轨摩擦产生大量的磨屑和灰尘，这些磨屑和灰尘对滚动轴承的正常工作和寿命造成了严重影响，室外运行滚动轴承还带来因生锈失效的问题，滚动轴承工作一段时间后容易出现噪音加大甚至卡死现象，容易导致扶手带磨损加剧损坏，扶梯运行系统负载增加，影响了电机使用寿命。



The design of the escalator rotary chain is usually with rolling bearings. There are a lot of containment and dust generated between the chain belt and the guide rail during the operation, therefore it induces damages to the rolling bearing and reduces the service life of the bearing and affects the performance of the bearing. Furthermore, outdoor operation of the escalator may cause corrosions to the rolling bearings. Under the above conditions, the rolling bearing in the chain is easy to cause failure of the operation of the chain. It may damage the chain system or consequently damage the driving motor in the escalator system.

### CSB-PEC®自润滑回转链 Self-lubricated rotary chains

CSB-PEC®自润滑回转链关键转动部位采用了自润滑塑料轴承设计，自润滑塑料轴承由EPB15材料制成解决了轴承需要加油维护的问题，而且EPB15材料对灰尘有极好的抵抗能力，采用此材料制成的自润滑轴承能在环境非常恶劣的情况下长期正常工作；CSB-PEC®新型回转链长期平稳低噪音运行成功解决了滚动轴承回转链长期存在的噪音和滚动轴承容易卡死的缺陷；CSB-PEC®回转链上的金属部件均采用了特殊的表面处理技术可以确保在户外长期平稳运行。

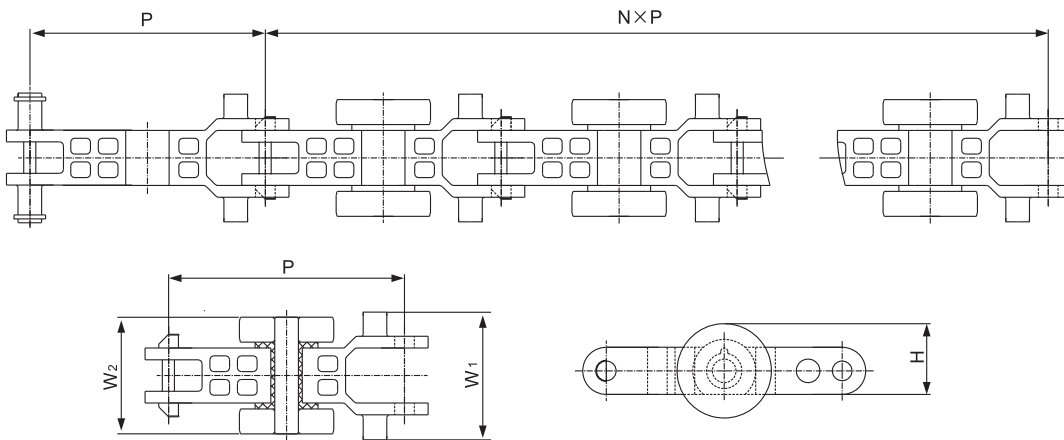


The rotation parts of CSB-PEC® series rotary chain are with self-lubricated plastic bearings, the material CSB-EPB15 used in the plastic bearings provides maintenance free feature of the chain system and with the anti-dust and anti-corrosion feature of the bearing material, the chain system could be free to operate under critical conditions. The long term stable operation with low noise design of CSB-PEC® chain prevent the chain system from stuck and operation failure comparing with the traditional rolling bearing design. The metal parts of the CSB-PEC® chain are specially treated for the long term outdoor operation.

### CSB-PEC®链条技术数据表 Technical data table

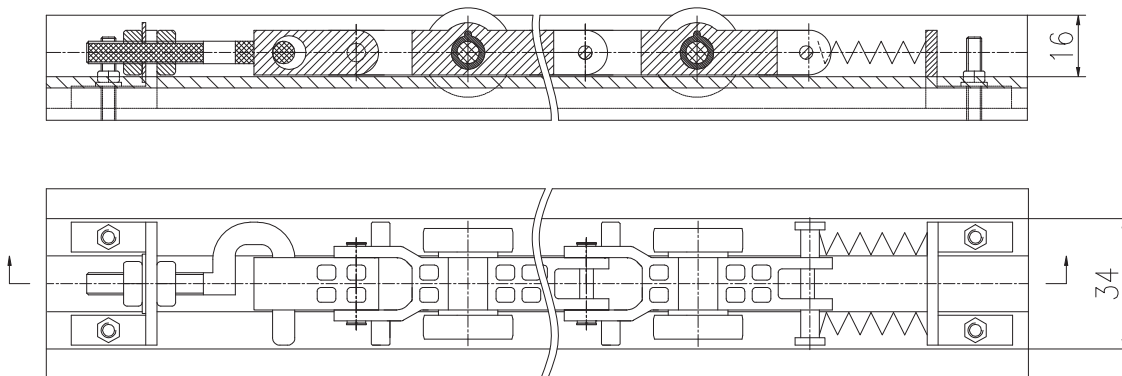
产品编码 Part No.	最高PV值 Max. PV value	极限压力 Max. load [N/P]	使用温度 Temperature [°C]	极限线速度 Max. speed [m/s]	摩擦系数 Friction coefficient.	拉断力 Break strength [N]
PEC03	0.9	4320	-40-100	1.0	0.05-0.20	≥1000

### CSB-PEC®链条型号规格 Standard specifications



产品编码 Part No.	P [mm]	W <sub>1</sub> [mm]	公差 Tolerance [mm]	W <sub>2</sub> [mm]	公差 Tolerance [mm]	H [mm]	C [mm]	N [pcs]
PEC03-N	60	33.5	± 0.15	30	+0.30/0.00	18	48	节数quantity

### CSB-PEC®链条标准安装方式 Standard installation method



产品编码 Part No.:

PEC03-17

节数 N=17 Unit quantity

03:结构系列 Structure NO.