



LTPC[®]
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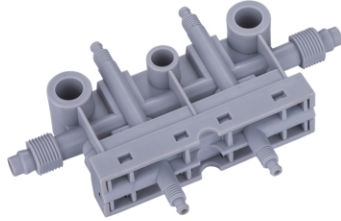
2019



倍捻机配件/Two-For-One Twister For Short Fiber Special Pneumatic Equipment



锭子开关/Pressure Nozzle



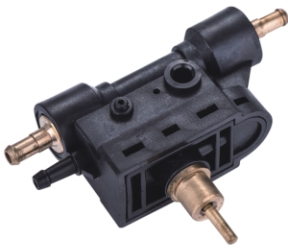
中间阀/Central Valve



筒管架吹气气缸/Bobbin Switch



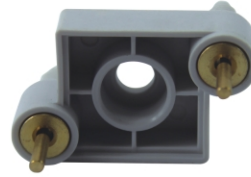
储气缸/Time Delay Valve



单中间阀/Actuating Valve



抬升支架气缸/Lifting Cylinder



断丝开关/Switch



延时抬升气缸
Time Delay Lifting Cylinder



LTS系列手拉阀
LTS Series Hand-Draw Valve



定制气缸
Special Cylinder

节能环保型油雾成套系统/Energy-Saving And Environmental Protection Lubricator Complete System Reinforce



专利申请号Patent Apply no:200810059414.6

规格/Specification

润滑容量 (BI) / Lubricate Capacity (BI)	20—100
进气口/Port Size	G 1/2"
油雾出口/Oil Fog Export Port size	G 1"
IN侧最高压力/Max pressure in the "IN"	1.0MPa
动作压力范围/Working Pressure	0.05—0.18 MPa
主副油箱容量/Fuel Tank Capacity	10L
润滑油粘度/Oil Viscosity	100cst以下/Below 100cst
环境温度/Environment Temperature	5—45℃
电源/Voltage	AC220V, 50Hz ± 1 Hz, 800W

原理:

本节能环保油雾润滑系统主要用于纺织机械设备上的轴轮和某些部件的润滑及冷却。主要由油雾发生器和油雾回收器组成。油雾发生器使用原理是使用特定的润滑油加热，在压缩空气力的挤压下经过喷嘴使润滑油滴变小，成为均匀的油雾通过管道流入设备。油雾回收器主要用于回收主管道上残余的油滴，经过过滤网将杂质及有害物质留下，其余干净的空气排入大气。

Theory:

This lubrication system is mainly used to lubricate and cool the arbor wheel of textile machinery and other spare parts. The system has two main parts, oil mist generator and oil collector. Oil mist producer works by heating lubrication oil to make them small drops. Then these drops go through the nozzle and are blown by the compressed air generated by an air compressor. In this way, oil mist is generated. The oil collector is used to recollect oil on the main pipe and stop the hazardous material from getting into the filter. It also works on discharging rest clean gas into the air.

特点:

- 1.雾化率高: 普通油雾器部分都是在常温下对润滑油进行雾化, 油雾的雾化率低, 也就是说产生的油雾颗粒比较大, 不仅造成润滑油的浪费, 而且还不能对精密的机械设备进行润滑, 本公司的油雾系统是在对润滑油进行加热的条件下工作, 油雾的雾化率高, 颗粒小, 不仅节约润滑油, 而且还能对大型精密机械设备进行不停机润滑
- 2.过滤效果好: 普通油雾器对雾化后的油雾, 不论其颗粒大小, 都进入了下一个环节, 而本油雾系统上的喷嘴, 能产生比普通油雾器更大的压力差, 使润滑油产生更高的雾化率, 而且能筛选合适的油雾颗粒进入下一个润滑环节。
- 3.独特油嘴设计, 雾化均匀: 本单位开发的节能环保型油雾系统, 对润滑油加温和油嘴进行独立设计, 以适应更广泛的使用环境和提高油嘴寿命, 确保油嘴不阻塞。

Feature:

1. High atomization efficiency: Ordinary lubricators atomize oil mist at room temperature which is not efficient. The oil mist particle is big. It causes a waste of lubrication oils and less precision in lubricating machinery.
2. Filtering on oil drops: The grease tap in this system can produce bigger pressure to make oil drops smaller. And it can also filter out big oil drops.
3. Special design on nozzle: It is designed to make sure the nozzle is far from getting blocked.