

DYNATECT[®]
DYNAMIC EQUIPMENT PROTECTION
THODACON ▲ MFB ▲ STEINBOCK

设备和人员动态保护的
全球领导者

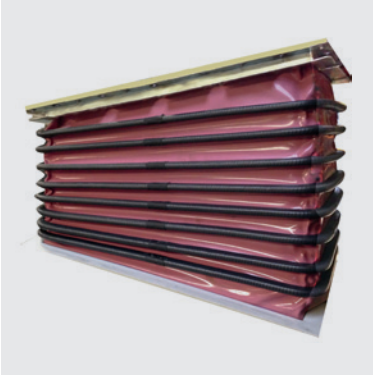
设备和人员动态保护的全球领导者

交通轨道伸缩护罩 *TRANSPORTATION*



驱动马达通风用伸缩护罩

用于电力机车和电动轨道车上



伸缩护罩作为驱动马达风机和驱动马达之间的灵活连接元件，是空气冷却过程的一个组成部分，

护罩从机车区域的底部安装固定到牵引电机风机的上部法兰。上部法兰和牵引电机风机之间设有密封件，以防止空气流失并防止湿气（如水）进入。

通常情况下，伸缩护套的底部会拧到驱动马达的法兰上，或者通过一个卡销固定住。有多种安装方式可供选择。

材料

有机硅涂层 金属 + 芳纶（粉色）聚丙烯腈阻燃纤维：

认证：

• EN-45545-2:2013
更多的认证还在申请中

特性：

- 褶皱内的不锈钢圈确保尺寸的稳定性
- 护罩的褶皱边都受到保护
- 可使用客户提供的金属或硅法兰来安装
- 气密又防水

BELLOWS FOR VENTILATION OF TRACTION MOTORS

on electric locomotives and electric railcars



The bellows serve as an integral part of the cooling air flow as a flexible connecting element between traction motor blower and drive motor.

They are fixed from the bottom of the underfloor area of the locomotive to the upper flange of the traction motor fan collar. A seal is provided between the upper flange and the traction motor fan collar in order to prevent loss of air and to prevent the ingress of moisture, like water. The lower part of the bellows will normally be fixed to the bottom flange of the traction motor or fastened with a bayonet fitting. Other mounting options are available.

Material

Silicone coated Meta-aramid (pink), flame retardant:

Certified for:

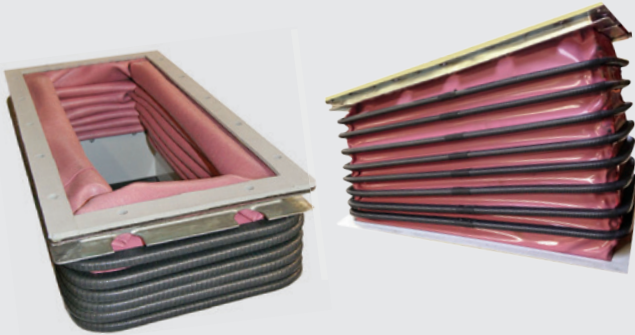
• EN-45545-2:2013
More certifications on request

Benefits:

- Dimensional stability assured by stainless steel wire rings inside the convolution peaks
- Bellows convolutions are secured by protection profiles
- Mounting using custom made metal or silicone flanges
- Air and water proof

应用实例

APPLICATION EXAMPLES



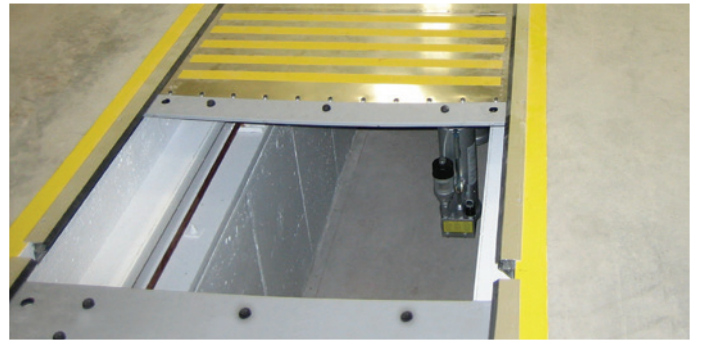
驱动马达通风用伸缩护罩
Bellows for traction motor ventilation



滑动式离合器用来在显示屏故障时保护驱动系统不受损坏，乘客不受伤害。
A slip clutch prevents drive system damage or passenger injury in the event the screen is obstructed



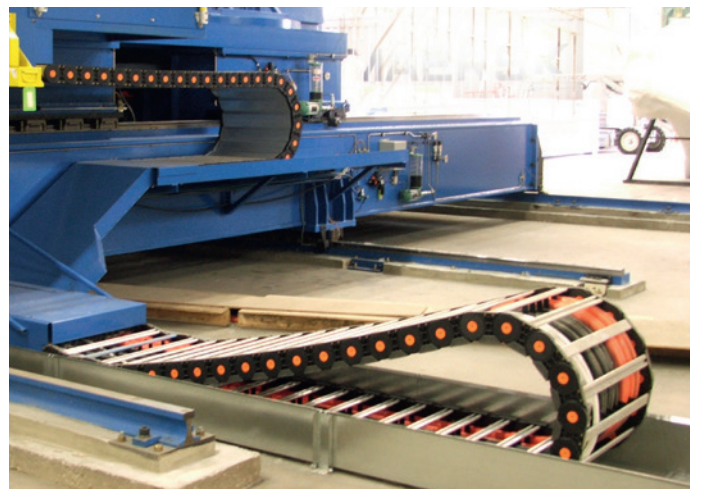
用于乘客座位调整的护罩
Bellows for driver's seat adjustment



用于车辆检修的可站人地坑防护
Walk-on roll-up cover for vehicle inspection pit



车厢卷帘门
Roll-up compartment doors



Nylatrac® 拖链，塑料模块式
Cable carrier Nylatrac, modular plastic

防护罩

PROTECTIVE COVERS



Dynatect 是各种车辆、轨道 OEM 和其他运输防护罩应用的值得信赖的供应商，客户遍布北美、亚洲和欧洲。我们的每一款防护罩都是根据其应用设计了最佳材料。

应用包括：

- 机床轨道和地坑的卷帘
- 设备和车辆的卷帘门
- 针对一些连接点的防护，如铰链、操作杆和座椅。
- 引擎进气 / 排气和暖通空调管道
- 驱动马达通风护罩
- 变速杆和操作杆
- 液压气缸护套

Dynatect is a trusted supplier of new and replacement covers to numerous bus and rail OEMs, and transit authorities, throughout North America, Asia and Europe. Each cover is engineered with suitable materials.

Applications include:

- Roll-up covers for machine ways and pits
- Roll-up doors for machines and vehicles
- Covers for pinch points such as hinges, steering columns and seats
- Engine intake/exhaust and HVAC ducting
- Traction motor ventilation boots
- Shift/joystick boots
- Hydraulic cylinder rod bellows

混动离合器

POLYCLUTCH SLIP CLUTCHES



Polyclutch 机械和气动滑动离合器可用来防止机械式过载、调节扭矩和维持恒定的张力。额外的一些应用包括制动、位置锁定、人员安全以及行程尾端过载。

- 平稳、可靠地脱离和连续滑动
- 滑动状态下 2000 万到 3000 万次的循环寿命
- 扭矩范围从 0.06Nm 到 85Nm
- 固定、可调、可定制设计
- 离合器可双向使用

Polyclutch mechanical and pneumatic slip clutches are used to prevent mechanical overload, regulate torque and maintain constant tension. Additional applications include braking, position retention, personnel safety and end-of-travel overload.

- Smooth, reliable breakaway and continuous slip
- Long life of 20 to 30 million revolutions in slip condition
- Torque range from 0,06 Nm to 85 Nm
- Fixed, adjustable and custom designs
- Clutches are bi-directional

拖链

GORTRAC CABLE CARRIERS



抗腐蚀性尼龙材料、金属材料或者混合设计可为户外或者工业环境的应用提供良好的使用性能。尺寸较小的拖链可被用在无法进入的车辆的升降平台上。

- 开放式和封闭式拖链
- 用于高速 / 高加速、长距离或者多方向操作的应用

Corrosion-resistant nylon, metallic, and hybrid designs perform successfully in outdoor and industrial-duty environments. Small carriers can be used in applications such as platform lift systems on disabled-access vehicles.

- Open- and enclosed-style carriers
- Solutions for high speed/acceleration, long travel or operation in multiple orientations

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