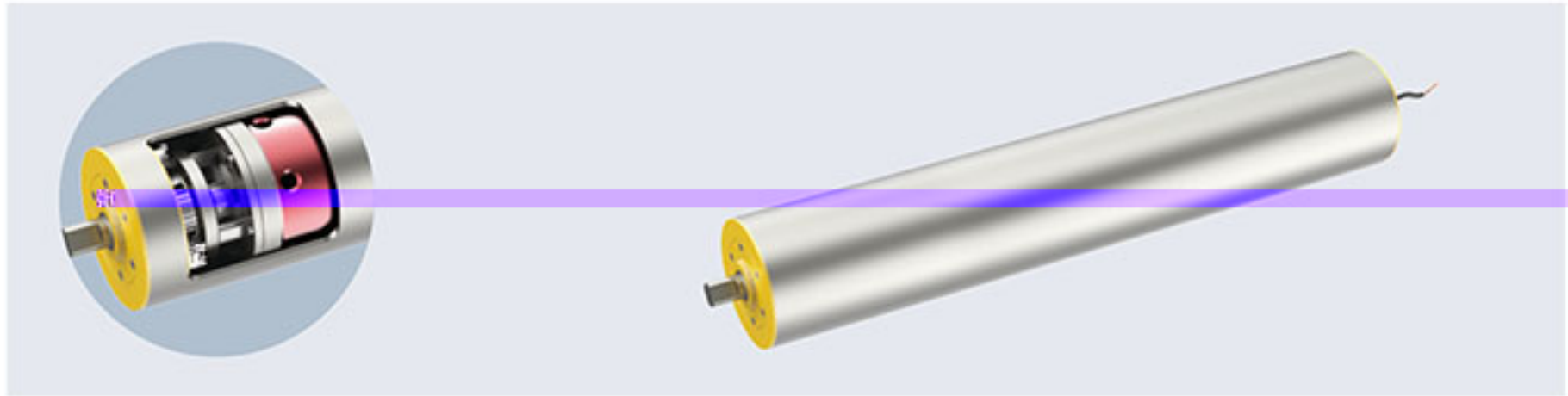


TMX165 电动滚筒电机 TMX165 Drum Motor



产品概述 Product Description

此款电动滚筒非常强健扎实，能够承受巨大的扭矩和很高的径向负载，具有外形兼顾、耐冲击和扭矩强劲等显著特点，可以选择较大负载输送设备的最佳选择。

• 食品加工输送机 • 机场行李处理系统 • 包装输送机 • 煤炭筛分 • 邮政分拣输送机 • 钢或塑料模块网带应用 • 农作物 • 干燥、潮湿及需要冲洗的应用环境

The electric roller is very robust and can withstand great torque and high radial load. It has the advantages of high profile, high impact and high torque, and can choose the best choice of load transmission method.

• Food processing conveyor • Airport baggage handling systems • Packing conveyor • Belt balance • Post sorting conveyor • Steel or plastic module mesh belt application • Crops • Dry, wet need to develop the application environment

TMX165 电动滚筒特征 TMX165 Characteristics Of Drum Motor

筒体 Drum Shell

- 标准筒体为低碳钢材质，成品表面镀锌，做环保标志。标准筒体表面加工防滑螺旋纹
- 食品级筒体为 304 不锈钢
- Material of standard drum shell is mild steel, zinc plated, with ECO mark. Standard cylinder surface processing with non slip roller
- Food grade shell is 304 stainless steel

齿轮传动 Gear Drive

- 高合金钢精磨齿轮，确保传动时超低噪音
- 重载型电动滚筒采用行星齿轮传动，根据重载设计，高扭矩传输
- High alloy steel grinding gear, to ensure the transmission of ultra low noise
- Heavy load electric roller adopts planetary gear transmission, according to heavy load design, high torque transmission

电机 Motor

- 频率在 50Hz 或 60Hz 时，适用于全球各种通用电压
- 电机绝缘等级 F 级。所有电机附加过热保护器。电机油浸式散热
- 电缆出线式，电缆的标准长度是 1.2 米
- When 50Hz or 60Hz is used, it can be applied to all kinds of universal voltage.
- Motor insulation class F. All motor additional overheat protector. Motor oil immersion cooling
- Cable outlet type, cable length of 1.2M

密封等级 Seal Level

- 轴端采用双密封设计。电动滚筒的密封等级为 IP66/IP67
- Double seal design for shaft end. Drum motor sealing protection level is IP66/IP67

注油 Oiling

- 电动滚筒出厂前都已按标准注油，每运行 10000 小时换油一次
- Electric roller factory before has according to the standard oil. Every 10000 hours to run oil change time

其他 Other

- 水平安装。可以加装电磁制动器，但筒体的最短长度会相应加长
- 带速及筒体长度可按客户要求制作
- 根据客户要求，可制作各种非标准电动滚筒
- Horizontal installation. Can be equipped with electromagnetic brake, but the shortest length of the cylinder will be extended accordingly
- Belt speed and tube length can be produced according to customer requirements
- According to customer requirements, various non-standard electric rollers can be produced

Drum Motor

TM100 三相异步电动机机械参数表 Mechanical Parameters of Three Phase Induction Motor

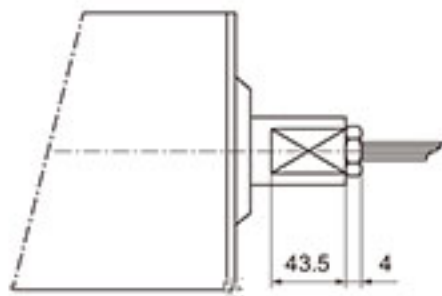
| 额定功率 P _N Rated Power P _N kW | 电机极数 Motor Series | 齿轮箱级数 Gear Box Series | 减速比 L Reduction Ratio | 额定转速 n _n Rated Speed n _n RPM | 额定线速度 V Rated Speed v m/s | 额定扭矩 M _n Rated Torque M _n Nm | 牵引力 F _n Traction Force F _n N | 最小筒长 L ₁ Minimum Length L ₁ mm | | | |
|---|----------------------|--------------------------|--------------------------|--|---------------------------------|--|--|--|-----|------|-----|
| 0.55 | 4 | 2 | 8.77 | 160.00 | 1.4 | 29 | 347 | 400 | | | |
| | | | 10.31 | 136.00 | 1.19 | 34 | 407 | 400 | | | |
| | | | 12.38 | 113.00 | 0.99 | 41 | 491 | 400 | | | |
| | | | 14.56 | 96.00 | 0.84 | 48 | 575 | 400 | | | |
| | | | 15.94 | 88.00 | 0.77 | 53 | 635 | 400 | | | |
| | | | 17.68 | 79.00 | 0.69 | 58 | 695 | 400 | | | |
| | | | 20.25 | 69.00 | 0.6 | 67 | 802 | 400 | | | |
| | | | 22.5 | 62.00 | 0.54 | 74 | 886 | 400 | | | |
| | | | 23.82 | 59.00 | 0.51 | 79 | 946 | 400 | | | |
| | | | 28.93 | 48.00 | 0.42 | 96 | 1150 | 400 | | | |
| | | | 36.82 | 38.00 | 0.33 | 122 | 1401 | 400 | | | |
| | | | 0.75 | 4 | 1 | 6.28 | 225.00 | 1.96 | 30 | 359 | 400 |
| 8.77 | 161.00 | 1.41 | | | | 39 | 467 | 400 | | | |
| 2 | 10.31 | 137.00 | | | 1.2 | 46 | 551 | 400 | | | |
| | 12.38 | 114.00 | | | 1 | 55 | 659 | 400 | | | |
| | 14.56 | 97.00 | | | 0.85 | 65 | 778 | 400 | | | |
| | 15.94 | 88.00 | | | 0.77 | 71 | 850 | 400 | | | |
| | 17.68 | 80.00 | | | 0.7 | 79 | 946 | 400 | | | |
| | 20.25 | 70.00 | | | 0.61 | 91 | 1090 | 400 | | | |
| | 22.5 | 63.00 | | | 0.55 | 101 | 1210 | 400 | | | |
| | 23.82 | 59.00 | | | 0.52 | 106 | 1269 | 400 | | | |
| | 28.93 | 49.00 | | | 0.43 | 123 | 1515 | 400 | | | |
| | 36.82 | 38.00 | | | 0.33 | 165 | 1976 | 400 | | | |
| | 1.1 | 4 | | | 1 | 6.28 | 225.00 | 1.96 | 44 | 527 | 400 |
| | | | | | | 8 | 176.00 | 1.54 | 111 | 1329 | 450 |
| 2 | | | 8.77 | 161.00 | 1.41 | 57 | 683 | 400 | | | |
| | | | 10.31 | 137.00 | 1.2 | 68 | 814 | 400 | | | |
| | | | 12.38 | 114.00 | 1 | 81 | 970 | 400 | | | |
| | | | 14.56 | 97.00 | 0.85 | 95 | 1138 | 400 | | | |
| | | | 15.94 | 88.00 | 0.77 | 105 | 1257 | 400 | | | |
| | | | 17.68 | 80.00 | 0.7 | 116 | 1390 | 400 | | | |
| | | | 20.25 | 70.00 | 0.61 | 133 | 1593 | 400 | | | |
| | | | 22.5 | 63.00 | 0.55 | 148 | 1772 | 400 | | | |
| | | | 23.82 | 59.00 | 0.52 | 156 | 1868 | 400 | | | |
| | | | 28.93 | 49.00 | 0.43 | 190 | 2275 | 400 | | | |
| | | | 36.82 | 38.00 | 0.33 | 241 | 2886 | 400 | | | |

■ TMX165 三相滚筒电机机械参数 TMX165 Mechanical Parameters Of Three Phase Drum Motor

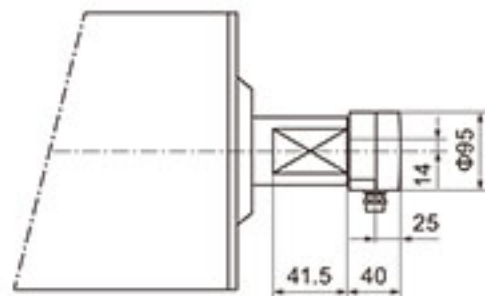
| 额定功率 P _N Rated Power P _N kW | 电机极数 Motor Series | 齿轮箱级数 Gear Box Series | 减速比 i Reduction Ratio i | 额定转速 n _n Rated Speed n _n RPM | 额定线速度 V Rated Speed V m/s | 额定扭矩 M _a Rated Torque M _a Nm | 牵引力 F _N Traction Force F _N N | 最小筒长 L Min. tube length L mm |
|---|----------------------|--------------------------|----------------------------|--|---------------------------------|--|--|------------------------------------|
| 1.5 | 4 | 1 | 6.28 | 225.00 | 1.96 | 60 | 719 | 450 |
| | | | 8 | 176.00 | 1.54 | 1341 | 450 | |
| | | 2 | 8.77 | 161.00 | 1.41 | 78 | 934 | 450 |
| | | | 10.31 | 137.00 | 1.2 | 92 | 1102 | 450 |
| | | | 12.38 | 114.00 | 1 | 111 | 1329 | 450 |
| | | | 14.56 | 97.00 | 0.85 | 130 | 1557 | 450 |
| | | | 15.94 | 88.00 | 0.77 | 143 | 1713 | 450 |
| | | | 17.68 | 80.00 | 0.7 | 158 | 1892 | 450 |
| | | | 20.25 | 70.00 | 0.61 | 181 | 2168 | 450 |
| | | | 22.5 | 63.00 | 0.55 | 201 | 2407 | 450 |
| | | | 23.82 | 59.00 | 0.52 | 213 | 2551 | 450 |
| | | | 28.93 | 45.00 | 0.43 | 259 | 3102 | 450 |
| | | | 36.82 | 38.00 | 0.33 | 329 | 3940 | 450 |
| | | | 2.2 | 4 | 1 | 6.28 | 228.00 | 2 |
| 8 | 179.00 | 1.56 | | | | 110 | 1317 | 450 |
| 2 | 8.77 | 163.00 | | | 1.43 | 113 | 1353 | 480 |
| | 10.31 | 139.00 | | | 1.21 | 133 | 1593 | 480 |
| | 12.38 | 116.00 | | | 1.01 | 160 | 1916 | 480 |
| | 14.56 | 98.00 | | | 0.85 | 188 | 2251 | 480 |
| | 15.94 | 90.00 | | | 0.78 | 206 | 2467 | 480 |
| | 17.68 | 81.00 | | | 0.71 | 229 | 2743 | 480 |
| | 20.25 | 71.00 | | | 0.62 | 262 | 3138 | 480 |
| | 22.5 | 64.00 | | | 0.56 | 291 | 3485 | 480 |
| | 23.82 | 60.00 | | | 0.52 | 308 | 3689 | 480 |
| | 28.93 | 49.00 | | | 0.43 | 374 | 4479 | 480 |

• TMX165 / JMX216...

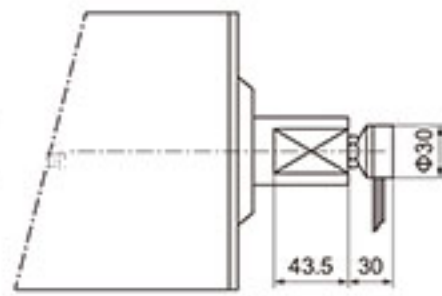
直式出线
Straight outlet



接线端子盒
Terminal box



不锈钢弯头出线
Stainless steel elbow outlet



弯式出线
Curved outlet

