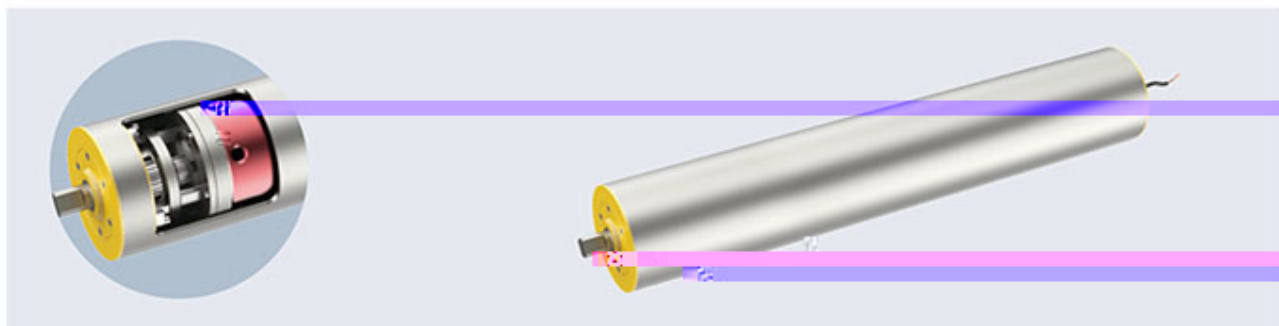


电动滚筒电机

Drum Motor

TMX320 电动滚筒 TMX320 Drum Motor



产品概述 Product Description

此款电动滚筒非常结实，能够承受巨大的扭矩和很高的径向负载，具有外形美观、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 • 皮带秤 • 邮政分拣输送机 • 钢或塑料模组网带应用 • 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 **robust, high impact and high torque**, and can choose the best choice of load transmission equipment.

• Food processing conveyor • Airport baggage handling systems • Packing conveyor • Belt balance • Post sorting
• Crops • Drying, wet and need to deliver the application environment

TMX320 电动滚筒特征 TMX320 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，根据星架设计，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 1.2 米
- When 50Hz or 60Hz is used, it can be applied to all kinds of common voltages.
- Motor insulation class F. All motor additional overheating protector. Oil immersed cooling
- Cable outlet type, cable length of 1.2M

密封等级 Seal Level

- 轴端采用双密封设计，电动滚筒的密封防护等级为 IP66/IP67
- Double seal design for shaft end. Drum motor sealing protection level: 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, can produce a variety of non - standard electric roller

■ TMX320 三相滚筒电机机械参数 TMX320 Mechanical Parameters of Three-phase Drum Motor

额定功率 P _N Rated Power P _N kW	电机级数 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 _k Traction Force F _k N	最小筒长 L Min. tube Length L mm
3.7	4	2	10.27	139.00	2.33	220	1201	600
			12.83	111.00	1.87	279	1744	600
			15.61	92.00	1.53	339	2119	600
			18.33	78.00	1.31	399	2494	600
			20.3	70.00	1.18	441	2726	600
			24.5	58.00	0.98	533	3331	600
			29	49.00	0.83	631	3944	600
			35	41.00	0.68	761	4756	600
			44.55	33.00	0.54	969	6056	600
5.5	4	1	7.75	185.00	3.09	262	1675	670
		2	10.27	139.00	2.33	332	2075	670
			12.83	111.00	1.87	415	2594	670
			15.61	92.00	1.53	505	3156	670
			18.33	78.00	1.31	592	3700	670
			20.3	70.00	1.18	656	4100	670
			24.5	58.00	0.98	792	4950	670
			29	49.00	0.83	937	5856	670
			35.63	40.00	0.67	1152	7200	670
			39.2	36.00	0.61	1267	7919	670
7.5	4	2	10.27	139.00	2.33	453	2831	670
			12.83	111.00	1.87	566	3538	670
			15.61	92.00	1.53	688	4300	670
			18.33	78.00	1.31	808	5050	670
			20.3	70.00	1.18	895	5594	670
			24.98	57.00	0.96	1101	6881	670
			29.5	48.00	0.81	1300	8125	670
			32.48	44.00	0.74	1432	8950	670

Drum Motor

Technical drawing of a rectangular structure, likely a cross-section of a tunnel or pipe. The drawing shows a central rectangular section with a dashed centerline. The total length is labeled as $AGL=L+170$ and $EL=L+40$. The total width is 65 . The central section has a width of 20 and a height of 20 . The side sections have a width of 9 and a height of 9 . The central section is divided into three equal parts, each with a width of $L/3$. The total length is L . The drawing includes various dimension lines and labels, including $\Phi 19$, $\Phi 136$, $\Phi 120$, $\Phi 21$, and $\Phi 319$. A small detail view on the right shows a circular cross-section with a diameter of $\Phi 60$ and a width of 45 .

部件说明 Component Description	数量 Quantity
筒体 Drum shell	
碳钢冠状筒体 Carbon steel tube body	1
碳钢直式筒体 Carbon steel straight drum	2
不锈钢 (标准 304) 冠状筒体 Stainless steel (standard 304) coronal tube body	2
不锈钢 (标准 304) 直式筒体 Stainless steel (standard 304) straight drum	2
特殊冠状及凹槽型 Special coronal and groove type	3
前后端盖 Front end cover	
铸铝端盖 Cast aluminum cover	1
电镀铸铝端盖 Electroplated aluminum cover	2
不锈钢 (标准 304) 端盖 Stainless steel (standard 304) end cover	2
前后轴 Front and rear shaft	
碳钢轴 Carbon steel shaft	1
不锈钢轴 Stainless steel shaft	2
电机 Motor	
单相或三相异步电动机 Single phase or three phase asynchronous motor	1
电压 1*220V/50Hz 或 3*380V/50Hz Voltage 1*220V/50Hz or 3*380V/50Hz	1
50Hz 或 60Hz 条件下的全球通用电压 Global common voltage under 50Hz or 60Hz conditions	1
加装电机过热保护器 Thermal protector	1
低温环境用油 Low temperature environment	2
食品级油 & 脂 (FDA and ISO9001) Food grade oil & fat (FDA and ISO9001)	2
电气连接 Electrical connection	
不锈钢弯头 Stainless steel elbow	3
直弯式出线 Straight cable	-
PVC 线缆 PVC cable	1
低烟无卤素线缆 Low smoke halogen free cable	2
铸铝端子盒 Cast terminal box	1
电镀铸铝端子盒 Nickel plated aluminum terminal box	1
不锈钢端子盒 Stainless steel terminal box	1
其他选项 Other options	
电磁制动器 Electromagnetic brake	2
可垂直或倾斜安装 Vertical or inclined installation	2
连接变频器 Connected converter	2

1—标准装配选项 Standard option 2—非标准常用选项 Non-standard option 3—限制性选项 选择时应与制造商确认 Restrained option, contact manufacturer if necessary

• TMX320

直式出线
Straight outlet

