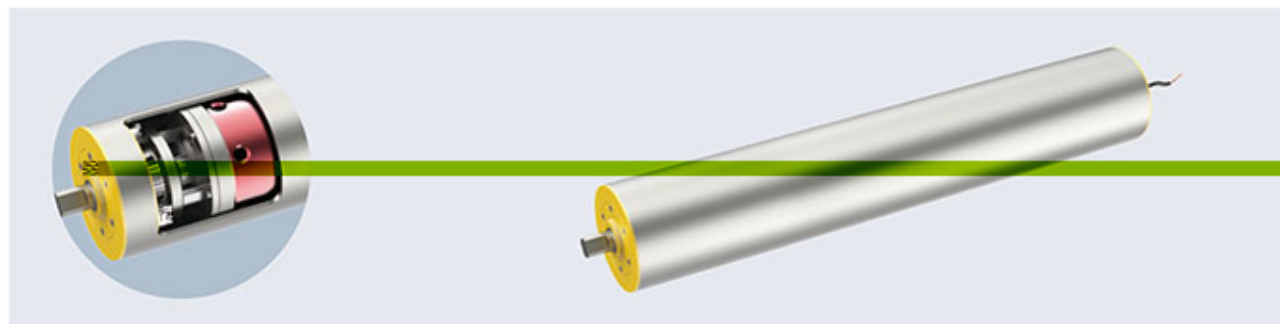


TMX216 电动滚筒 TMX216 Drum Motor



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 • 烟草行业 • 邮政分拣输送机 • 树脂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 high profile, high impact and high torque, and can choose the choice of load transmission equipment.

• 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

TMX216 电动滚筒特征 TMX216 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，根据重型载荷设计，高扭矩传动
- 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 1.2M
- 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. Oil immersion motor 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

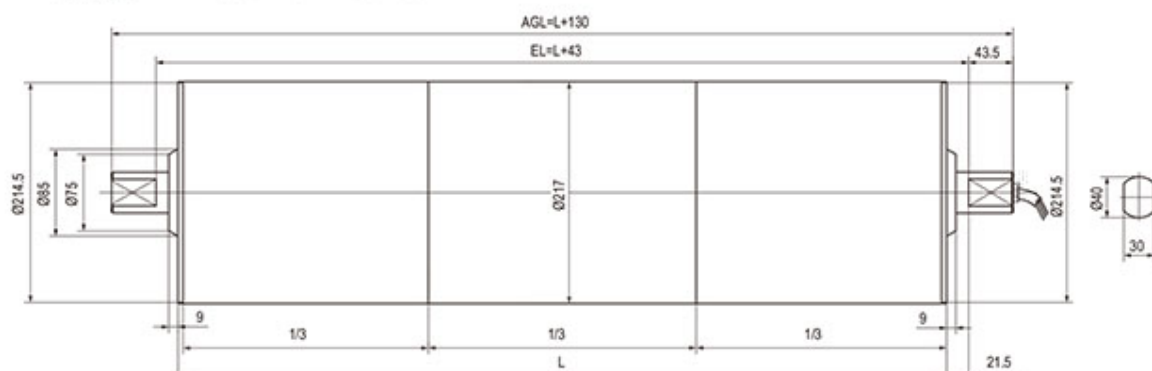
其他 Other

- 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

TMX216 三相异步电动机机械参数 TMX216 Mechanical Parameters 50Hz 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 L Reduction Ratio	额定转速 n _s Rated speed n _s RPM	额定线速度 V _s Rated speed V _s m/s	额定扭矩 M _s Rated torque M _s N·m	牵引力 F _s Traction F _s N	最小筒长 L _s Min. Drum Length L _s mm
1.1	4	2	10.27	137.00	1.55	67	620	510
			12.83	110.00	1.24	84	778	510
			15.61	90.00	1.02	102	944	510
			18.33	77.00	0.87	120	1111	510
			20.3	69.00	0.79	133	1231	510
			23.33	60.00	0.68	153	1417	510
			24.5	58.00	0.65	161	1491	510
			29	49.00	0.55	190	1759	510
			35	40.00	0.46	229	2120	510
			44.55	32.00	0.36	292	2704	510
1.5	4	2	10.27	137.00	1.55	92	852	510
			12.83	110.00	1.24	115	1065	510
			15.61	90.00	1.02	140	1296	510
			18.33	77.00	0.87	164	1519	510
			20.3	69.00	0.79	181	1676	510
			23.33	60.00	0.68	209	1935	510
			24.5	58.00	0.65	219	2028	510
			29	49.00	0.55	259	2398	510
			35	40.00	0.46	313	2898	510
			44.55	32.00	0.36	398	3685	510
2.2	4	1	7.75	185.00	2.09	107	991	490
		2	10.27	139.00	1.57	133	1231	510
			12.83	111.00	1.26	166	1537	510
			15.61	92.00	1.04	202	1870	510
			18.33	78.00	0.88	237	2194	510
			20.3	70.00	0.8	262	2426	510
			23.33	61.00	0.69	302	2796	510
			24.5	58.00	0.66	317	2935	510
			29	49.00	0.56	375	3472	510
			35	41.00	0.46	453	4194	510
			44.55	32.00	0.36	572	5296	510
4	4	1	7.75	186.00	2.1	193	1787	530
		2	10.27	140.00	1.59	240	2222	550
			12.83	112.00	1.27	300	2778	550
			15.61	92.00	1.04	364	3370	550
			18.33	79.00	0.89	428	3963	550
			20.3	71.00	0.8	474	4389	550
			23.33	62.00	0.7	545	5046	550
			24.5	59.00	0.66	572	5296	550
			29	50.00	0.56	677	6269	550
			35	41.00	0.47	811	7565	550

TMX216 外形图 TMX216 Outline Dimensions



TMX216 选项表 TMX216 Option Drum Motor

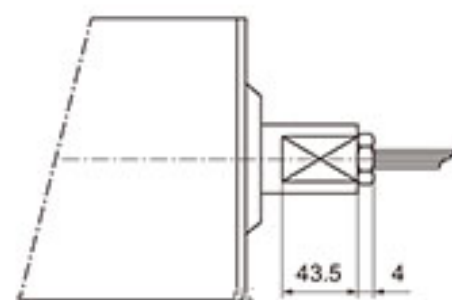
部件说明 Component Description	数量 Quantity	备注 Remark
筒体 Drum shell		
碳钢冠状筒体 Carbon steel tube body	1	
碳钢直式筒体 Carbon steel straight drum	2	
不锈钢 (标准 304) 冠状筒体 Stainless steel (standard 304) coronal tube body	3	
不锈钢 (标准 304) 直式筒体 Stainless steel (standard 304) straight drum	2	
特殊冠状及凹槽型 Special coronal and groove type	3	
前后端盖 Front end cover		
铸铝端盖 Cast aluminum cover	1	
镀镍铸铝端盖 Nickel plated 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 50/60Hz 电压 50/60Hz voltage under 50/60Hz conditions	1	
加磁粉制动器 Magnetic brake	1	
低温环境用油 Low temperature environment	2	
食品级油 & 脂 (FDA 和 USDA) Food grade oil & fat (FDA and USDA)	2	
电气连接 Electrical connection		
不锈钢弯头 Stainless steel elbow	3	
直弯式出线 Straight curved line	1	
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	
镀镍铸铝端子盒 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 stop device	2	
可垂直或倾斜安装 Vertical or inclined installation	2	
连接变频器 Connected converter	2	

备注 Note:

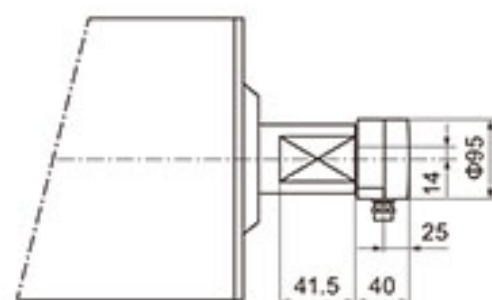
1 - 标准配置选项 Standard option 2 - 非标准常用选项 Non-standard option 3 - 限制性选项, 选择时应与制造商确认 Restrained option, contact manufacturer if needed

• TMX165 / JMX216...

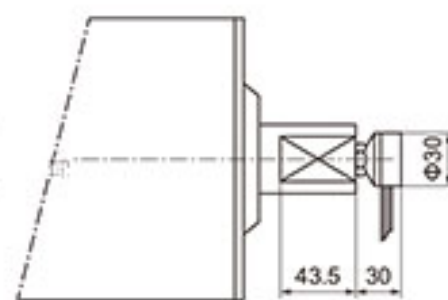
直式出线
Straight outlet



接线端子盒
Terminal box



不锈钢弯头出线
Stainless steel elbow outlet



弯式出线
Curved outlet

