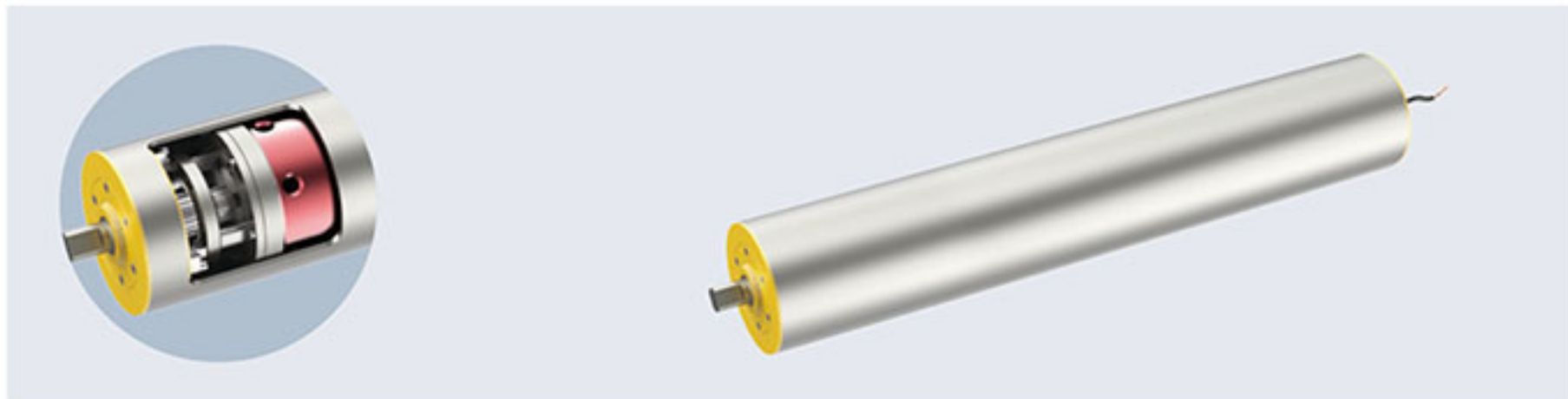


TMX165 电动滚筒 TMX165 Drum Motor



■ 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 • 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 high profile, high impact and high torque, and can choose the best choice of load transmission equipment.

• Food processing conveyer • Airport baggage handling systems • Packing conveyer • Belt balance • Post sorting conveyer • Steel or plastic module mesh belt application • Crops • Dry, wet and 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 universal voltage.
- Motor insulation class F. All motor additional overheat protector. Oil immersed 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，电动滚筒的密封防护等级为 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, can produce a variety of non - standard electric roller

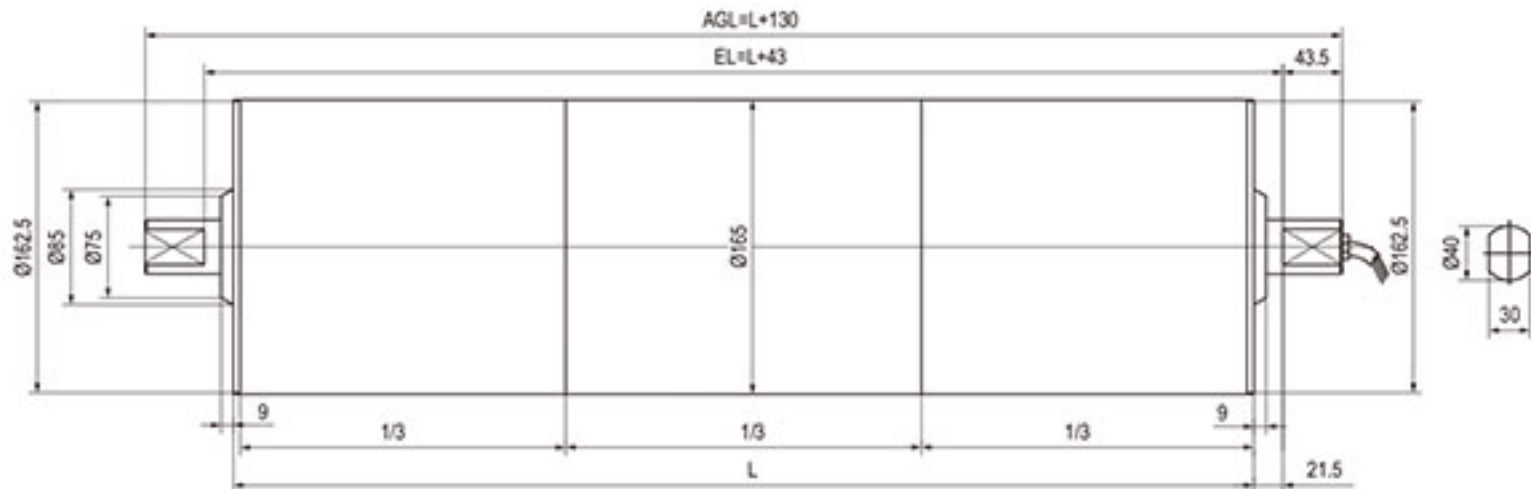
■ TMX165 三相滚筒电机机械参数 TMX165 Mechanical Parameters Of Three Phase Drum Motor

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 _a Rated Speed n _a 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			
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	1461	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	129	1545	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	1389	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 _N Rated Torque M _N 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	112	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	49.00	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 外形图 TMX165 Outline Dimensions



■ TMX165 选项表—电动滚筒 TMX165 Option - Drum Motor

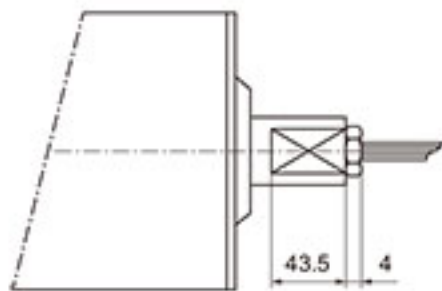
部件说明 Component Description	电动滚筒 Drum Motor
筒体 Drum shell	
碳钢冠状筒体 Carbon steel tube body	1
碳钢直式筒体 Carbon steel straight drum	2
不锈钢 (标准 304) 冠状筒体 Stainless steel (standard 304) coronal tube body	2
不锈钢 (标准 304) 直式筒体 Stainless steel (standard 304) straight drum	2
特殊冠状及凹槽型 Special coronal and groove type	3
前后端盖 Front end cover	
铸铝端盖 Cast aluminum cover	1
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 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	3
连接变频器 Connected converter	2

备注 Note:

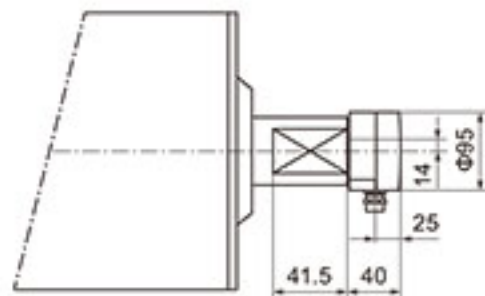
1 - 标准装配选项 Standard option 2 - 非标准常用选项 Non-standard option 3 - 限制性选项, 选择时应与制造商确认 Restrained option, contact manufacturer if needed

• TMX165 / TMX216

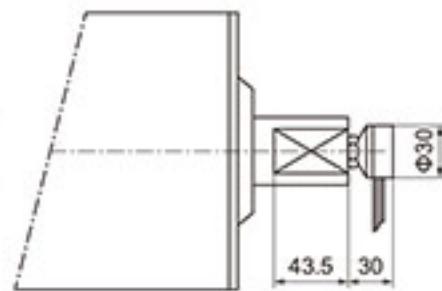
直式出线
Straight outlet



接线端子盒
Terminal box



不锈钢弯头出线
Stainless steel elbow outlet



弯式出线
Curved outlet

