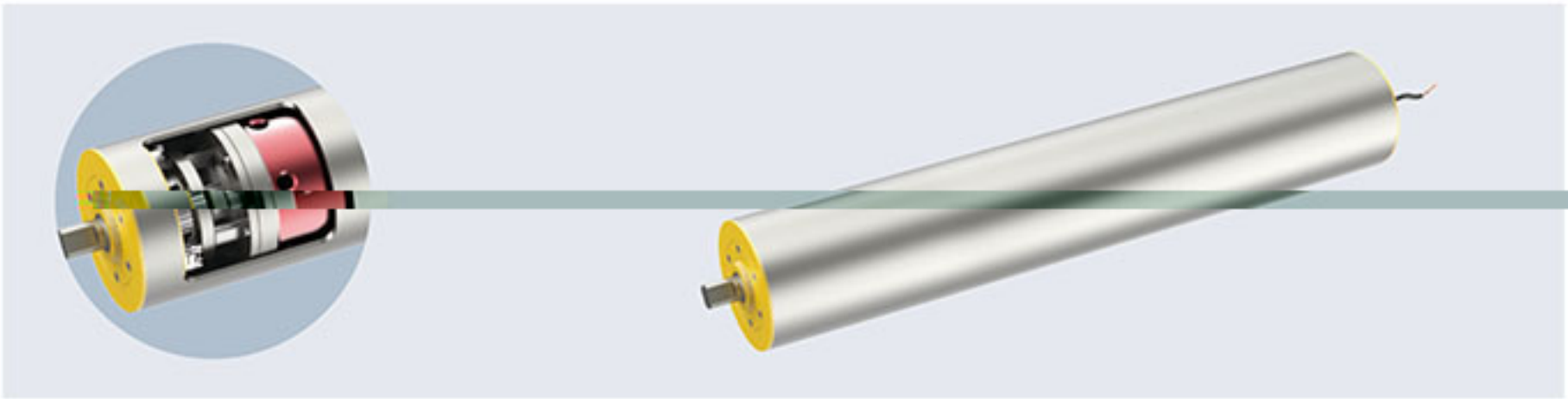
TMX165 电动滚筒 TMX165 Drum Motor



■ 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 • 皮带平衡 • 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 advantage of appearance, impact resistance and strong torque, and is 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 drum 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. 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 [redacted]

电动滚筒电机

Drum Motor

■ TM[illegible]

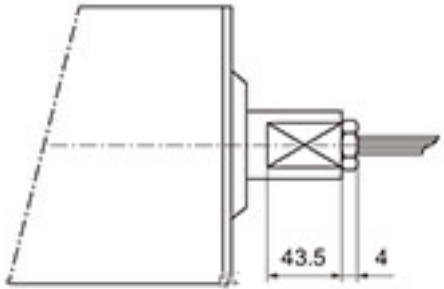
额定功率 PN Rated Power PN kW	电机极数 Motor Series	齿轮箱级数 Gear Box Series	减速比 i Reduction Ratio	额定转速 nA Rated Speed nA RPM	额定线速度 V Rated Speed v m/s	额定扭矩 MA Rated Torque MA Nm	牵引力 FN Traction F N	最小筒长 L Min. Tube Length L mm
0.55	4	2	8.77	160.00	1.4	29	347	400
			10.31	136.00	1.19	34	407	400
			12.38	113.00	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
		2	8.77	161.00	1.41	39	467	400
			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
		2	8	176.00	1.54	111	1329	450
			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

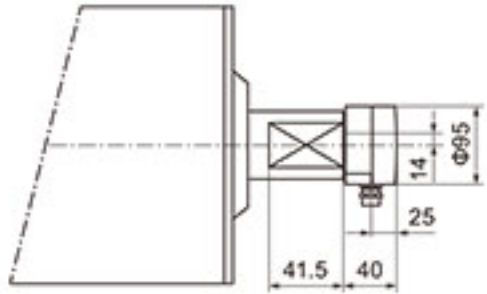
额定功率 PN Rated Power PN kW	电机极数 Motor Series	齿轮箱级数 Gear Box Series	减速比 i Reduction Ratio i	额定转速 nA Rated Speed nA RPM	额定线速度 V Rated Speed V m/s	额定扭矩 MA Rated Torque MA Nm	牵引力 FN Traction Force FN N	最小筒长 L Min Tube Length L mm
1.5	4	1	6.28	225.00	1.96	60	719	450
		2	8	176.00	1.54	2	1341	450
			8.77	161.00	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	87	1042	450
		2	8	179.00	1.56	110	1317	450
			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 / TMX216...

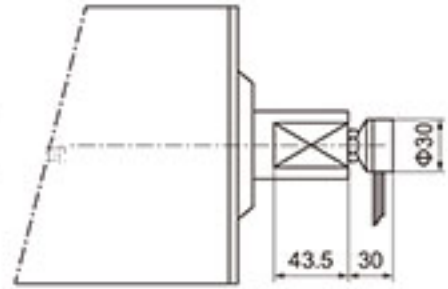
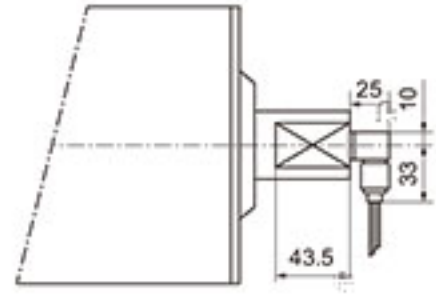
直式出线
Straight outlet



接线端子盒
Terminal box



不锈钢弯头出线
Stainless steel elbow outlet



弯式出线
Curved outlet