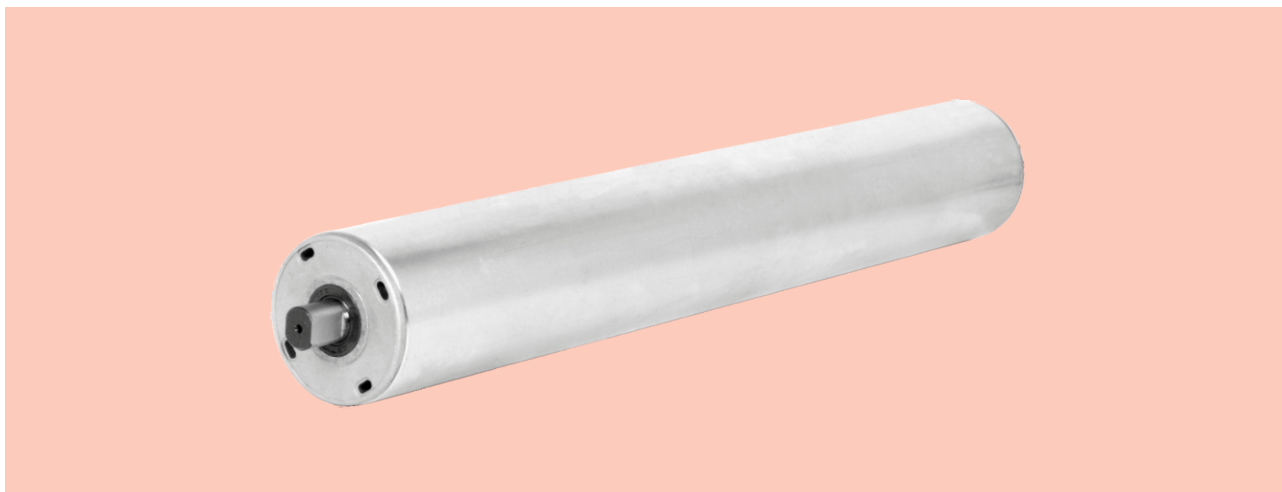


## BL60电动滚筒 BL60 DRUM MOTOR



### 产品信息 Product Information

此款电动滚筒式空间极其有限的情况下，仍可以安装得到要求的力矩。采用高合金钢精磨齿轮和行星传动结构为主体设计，具有性能可靠、免维护、免加油、适合较小的安装空间等诸多优点。适用于多个领域：

This type of drum motor can be installed in limited space and meet the torque requirement. Using alloy steel grinded gears and planetary transmission structure, it is reliable, free of maintenance and oil-renewing, space-saving. It can be use in many fields:

- 超市收银台 Supermarket cashier
- 包装机械 Packaging machinery
- 皮带输送线 Belt conveyor line

### BL60电动滚筒特征 BL60 Characteristics Of Drum Motor

#### ● 筒体 Drum Shell

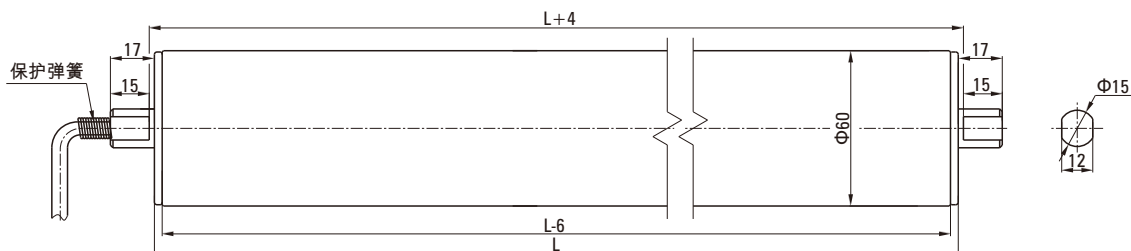
- 标准筒体为低碳钢材质 • 食品级筒体为304不锈钢 • 标准筒体表面加工有防滑滚花 • 齿轮传动 • 高合金钢精磨齿轮，确保传动时低噪音 • 行星齿轮传动
- Material of standard drum shell is mild steel • Food grade shell is 304 stainless steel • Standard cylinder rolling mill gear slip flower - gear • High alloy steel precision, ensures low noise transmission when the • Planetary gear transmission

### 电机基本特性 Basic Characteristics Of Motor

#### ● 外径60滚筒 (DC电源时适用于24VDC/36VDC/48VDC) External diameter 60 drum motor (DC power supply when applied to 24VDC/36VDC/48VDC)

额定功率(连续) Rated power (continuous)	W	60	
额定转速 Rated speed	r/min	3000	
额定转矩 Rated torque	N.m	0.286	
瞬时最大转矩 Instantaneous maximum torque	N.m	0.570	
速度控制范围 Speed control range	RPM	200~3000	
单个滚筒重量 Speed control range	kg	5.2 (L为500)	
滚筒最大承重 Speed control range	kg	180 (L为500)   160 (L为1000)	
速率变化率 Speed control range	对负载 On load	±1.0%以下: 条件 0~额定转矩、额定转速、额定电压、常温 Below ±1%: condition 0~rated torque, rated speed, rated voltage, room temperature	
	对电压 On voltage	±1.0%以下: 条件 额定电压±10%、额定转速、额定负载、常温 Below ±1%: condition rated voltage ±10%, rated speed, rated load, room temperature	
	对温度 On temperature	±1.0%以下: 条件 使用环境温度0~+40°C 额定转速、额定负载、额定电压 Below ±1%: Conditions of ambient temperature 0~+40°C rated voltage, rated load and rated speed	
电源输入 Power input	额定电压 Rated voltage	V	单相 Single phase 220V   24VDC (可选 Optional 36VDC/48VDC)
	电压容许范围 Voltage tolerance range		±10%
	频率 Frequency	Hz	50/60
	频率容许范围 Frequency tolerance range		±5%
	额定输入电流 Rated input current	A	1.2
	瞬时最大输入电流 Instantaneous maximum input current	A	1.75

BL60尺寸图 BL60 Outlining Dimensions



- 管径: Φ60
- 壁厚: t1.5
- 外管材质: 304不锈钢
- 表面处理: 镀锌
- Diameter: Φ60
- Wall thickness: t1.5
- Wall thickness: SUS304
- Surface treatment: zinc plating

BL60机械参数 BL60 Mechanical Parameters

● 低压无刷 Drum Shell

额定功率P Rated Power P W	齿轮箱级数 Gear Box Series	减速比i Reduction Ratio i	最高线速度V Max Speed V m/min	额定转速n Rated Speed n RPM	额定扭矩T Rated Torque T Nm	牵引力F Traction F N	长度SL Length SL mm
60	1	3.65	154.8	821.9	0.630	20.91	≥305~1000
		5.36	105.4	559.7	0.920	30.71	
		6.55	86.3	458.0	1.130	37.53	
		8.63	65.5	347.6	1.480	49.45	
	2	13.53	41.8	221.7	2.090	69.77	≥320~1000
		18.92	29.9	158.6	2.930	97.57	
		24.65	22.9	121.7	3.810	127.12	
		28.05	20.1	106.9	4.340	144.65	
		33.92	16.7	88.44	5.250	174.93	
		44.69	12.6	67.13	6.910	230.47	
		58.22	9.70	51.53	9.010	300.24	
		67.08	8.40	44.72	9.350	311.77	
	3	81.11	7.00	36.99	11.31	376.97	≥335~1000
		91.36	6.20	32.84	12.74	424.61	
		102.88	5.50	29.16	14.34	478.15	
		118.98	4.80	25.21	16.59	552.98	
		145.65	3.90	20.60	20.31	676.93	
		165.64	3.40	18.11	23.10	769.84	
231.61	2.40	12.95	25.00	833.33			
301.68	1.90	9.940	25.00	833.33			
392.98	1.40	7.630	25.00	833.33			

• 此参数为电机使用转速范围在200~300RPM时 This parameter is used for motor speed range in 200~300RPM

● 高压无刷 Drum Shell

额定功率P Rated Power P W	齿轮箱级数 Gear Box Series	减速比i Reduction Ratio i	线速度v Max Speed V m/min	输出转na Rated Speed n RPM	输出扭矩ma Rated Torque T Nm	牵引力Fn Traction F N	最短长度L Length L mm
90	2	13.69	41.31	219.14	3.18	105.90	300
		19.16	29.51	156.58	4.45	148.21	300
		26.83	21.08	111.82	6.23	207.54	300
		34.96	16.18	85.81	8.11	270.43	300
	3	50.65	11.16	59.23	10.58	352.62	300
		70.91	7.97	42.31	14.81	493.67	300
		99.27	5.70	30.22	20.73	691.11	300