

Wire Feed Motors

齿轮送丝电机

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概述 / Introduction

PML 齿轮送丝电机是直流精密扁平电机与齿轮减速箱的组合物。该产品结构合理紧凑、精度高、坚固耐用、稳定长寿命，获实用新型专利，广泛应用于气体保护焊送丝装置，是焊丝自动平稳输送的动力单元。

PML wire feed motors are a combination of DC precision pancake motor and gear box patented within a compact unit, utilising high precision and long life. These products are widely utilised on the Wire Feeders used in gas shielded arc welding machines and drive the wire smoothly and accurately.

特点 / Performance Characteristics

1. 高性能直流精密电机电感低、无槽、无换向火花、输出平稳、精度高，确保送丝电机具有优越的驱动能力和超长稳定的寿命。
2. 采用合金钢热处理高精度斜齿圆柱齿轮减速和铝合金箱体等优质零部件，结构合理紧凑、坚固耐用、寿命长久、使用可靠。
3. 响应迅速，便于实现慢速、快速和阻尼变化等各种复杂工作状态的转换及稳定送丝。
4. 送丝速度平稳、准确，使焊接电弧保持稳定，提高焊接质量。
5. 送丝电机性能参数在超长寿命周期内保持稳定和一致，使焊机得以保持长期稳定的焊接特性和长久一致的工艺参数，从而使焊机制造厂商和最终用户都获得长久高性能、高品质和更高性价比的产品。
6. 根据顾客需要，可配置各种形式输出轴、编码器或刹车装置。

1. Excellent driving ability and long life.
2. With high precision parts such as heat treated alloy steel gears and aluminium alloy cases. Compact structure, together with durability and reliability.
3. Quick response, smooth wire feed at a variety of speeds, good brake performance.
4. Smooth and accurate wire feed makes the welding arc stable and reduces spatter.
5. The performance of the PML wire feed motor is constant during the exceptionally long life of the motor which allows the welding machine to keep stable performance and consistent welding parameters during its life span.
6. Custom motors for all kinds of output shaft, with or without encoders or brakes etc to meet client needs, can be designed and manufactured.



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PML
电机
50年积淀
来自英国
世界领先

主要技术参数 / Performance Data

电机额定参数 Motor Ratings	额定电压 Rating Voltage	额定转速 Rating Speed	额定功率 Rating Power	额定电流 Rating Current	减速比 Gear Ratio	备注 Remark
型号 Type	V	r/min	W	A		
GML-21-1X	18.3	130	50	5.5	21	
GML-25-1	18.3	130	50	5.5	25	松下专用 For Panasonic Only
GML-25-1X	18.3	130	50	5.5	25	松下机型 Panasonic Type
GML-32-1X	18.3	96	50	5.5	32	松下专用 For Panasonic Only
GML-21-2X	24	140	110	7.6	21	
GML-25-2X	24	144	75	5.0	25	
	24	130	85	5.5	25	松下机型 Panasonic Type
	24	120	110	7.6	25	
GML-32-2X	24	90	110	7.6	32	
GNL-21-1X	18.3	48	75	6.5	21	
GNL-25-1X	18.3	40	75	6.5	25	
GNL-32-1X	18.3	32	75	6.5	32	
GNL-21-2X	24	70	110	6.5	21	
GNL-25-2X	24	60	110	6.5	25	
GNL-32-2X	24	47	110	6.5	32	
GNL-21-3X	36	120	160	6.5	21	
GNL-25-3X	36	100	160	6.5	25	
GNL-32-3X	36	78	160	6.5	32	
GNLR-21	17	200	80	8.2	21	
	18.3	200	85	8.2	21	
	24	260	110	8.2	21	
GNLR-25	17	165	80	8.2	25	
	18.3	165	85	8.2	25	
	24	220	110	8.2	25	
GNLR-32	17	130	80	8.2	32	松下专用 For Panasonic Only
	18.3	130	85	8.2	32	
	24	175	110	8.2	32	

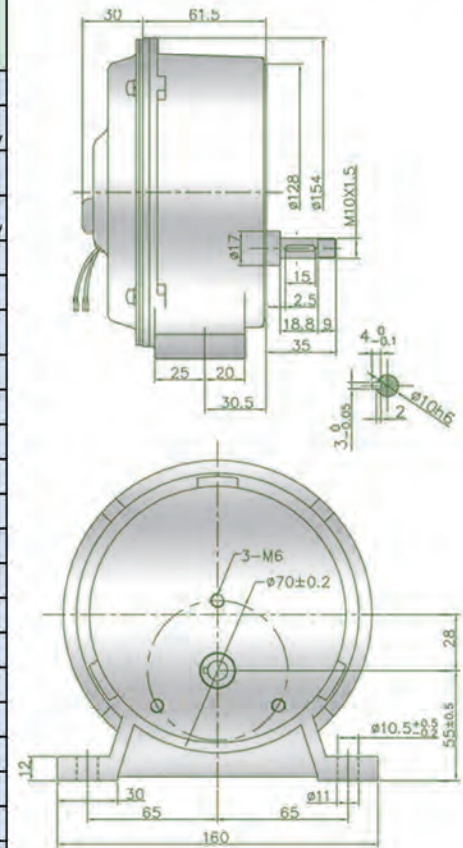
PML可根据客户需求, 定制设计电机性能参数和输出轴形式, 也可配置编码器或刹车装置。
PML is built on active prototype planning, which allows us to tailor products to fulfill client needs.

应用场合 / Application

- 焊机送丝装置 Wire feeders
- 高尔夫球车 Golf carts
- 电线拉丝机 Wire drawers
- 小型复卷机 Small rewinders
- 医疗器械 Medical equipment
- 电池驱动设备 Battery driven units
- 工业机器人系统 Industrial Robot System
- 轮式移动设备 Mobility equipment - wheel driven

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