

堆高车动力单元 6

POWER UNITS FOR FORK LIFT 6

德力液压 **Deli**

简介 General Description

此液压动力单元由高压齿轮油泵、直流电机、多用集成块、液压阀、油箱等零部件有机结合为一体，系典型的动力上升、重力下降液压回路。打开电磁换向阀，启动电机，实现上升，关闭电磁换向阀，打开电液比例阀，实现下降，下降速度由电液比例阀的输入电流信号及可调压力补偿节流阀共同控制。

Equipped with a high pressure gear pump, a DC motor, a multi-functional manifold, valves and a tank, ect. This power unit features power up gravity down actions. Start the motor and energize the 2-way solenoid directional valve to lift the machine, and energize the electro-hydraulic proportional valve to achieve lowering movement. The lowering speed is controlled by the electro-hydraulic proportional valve as well as the pressure compensated flow control valve.

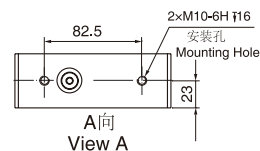
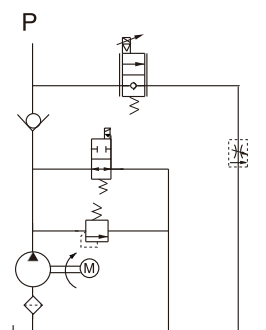
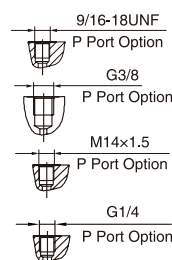
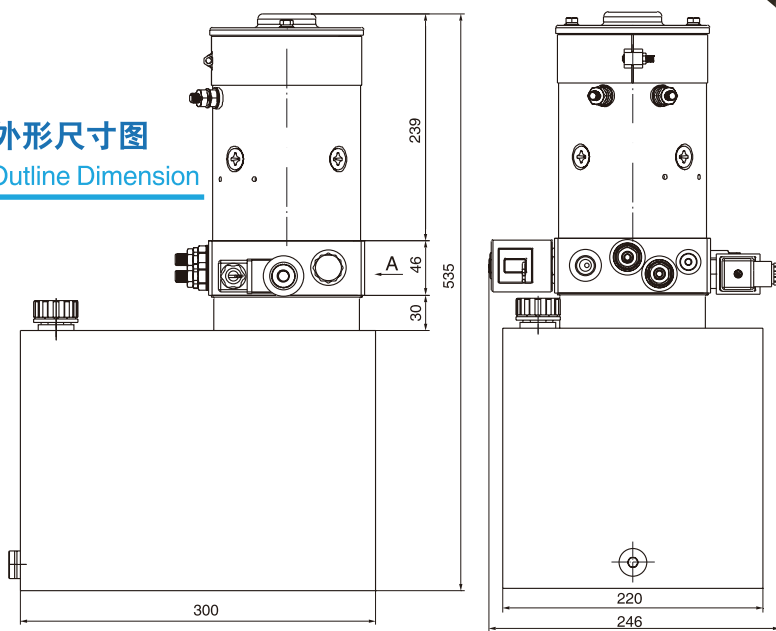


系统工作原理

Hydraulic Circuit Diagram

外形尺寸图

Outline Dimension



型号规格说明 Model Specifications

Model 型号	Motor Volt 电机电压	Motor Power 电机功率	Nominal Speed 名义转速	Displacement 油泵排量	System Pressure 溢流阀压力	Tank Capacity 油箱容量	Solenoid Valve Volt 电磁阀电压	Max Control Current 比例阀最大控制电流
YBZB-F3.2E2P900/WUDBT15	24VDC	4KW	2500RPM	3.2ml/r	20MPa	12L	24VDC	1100mAh
YBZB-F3.7E2P900/WUDBT15				3.7ml/r				
YBZB-F4.2E2P900/WUDBT15				4.2ml/r				

说明：1. 如需不同流量的泵、压力、电机功率等系统参数，请查看液动力单元型号说明或与销售联系。
2. 如需手动应急放油装置，请在订货时说明。

Remark: 1. Please go to page 3 or consult our sales engineer for the different pump displacement, motor power or tank capacity.
2. The manual override function is available on request.

注意事项 Special Notes

1. 此动力单元为S3工作制，不可连续运转，30秒开、270秒停。
2. 按装前必须保证油缸、油管、接头等液压元件清洁无任何杂质粘附。
3. 液压油粘度应为15~68CST，应清洁无杂质，推荐使用N46号液压油。
4. 系统使用第一个100小时后，应更换液压油，以后每3000小时更换一次液压油。
5. 本液动力单元适用于立式安装。

1. This power unit is of S3 duty cycle, i.e., non-continuous operation, 30 seconds on and 270 seconds off.
2. Clean all the hydraulic parts concerned before mounting the power unit.
3. Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
4. Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.
5. The power unit should be mounted vertically.