

Welcome To **BUCHER**  
hydraulics

### POWER UNITS

Our quality: We always adhere to the implementation of ISO9001 quality management system and continuously strengthen and improve internal management, as well as providing our customers with best quality products. Quality and service is our sincere commitment.



Search:

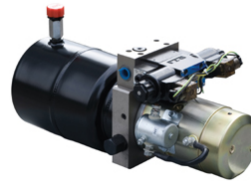
Position: Index >> Products

**Gear Pumps and Gear Motors**      **Power Units**      **Hydraulic Valves**      **Accessories**

Power Units For Dumping Truck Covering

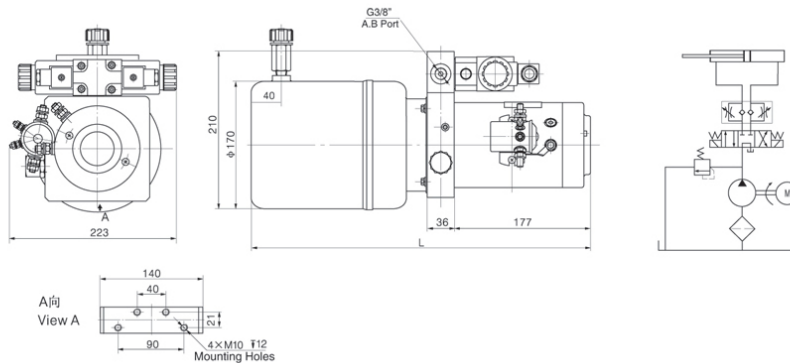
## Power Units For Dumping Truck Covering

### General Description



Used to operate a double action cylinder of the dumping truck covering mechanism, this power unit consists of high pressure gear pump, DC motor, multi-functional manifold, valves and oil tank, ect. The opening and closing actions of the covers are controlled by a solenoid directional valve, while the speed is adjusted by the throttles.

### Outline Dimension



### Model Specifications

Model	Motor Volt	Motor power	Displacement	System pressure	Tank Capacity	L(mm)
YBZ-F1.6A1W8/1	12VAC	1.5KW	1.6mL/r	18MPa	3.5L	448
YBZ-F2.5B2A8/1	24VAC	2KW	2.5mL/r	18MPa	5L	463

Remark: Please go to page 38 or consult our sales engineer for the different pump displacement, motor power or tank capacity.

### Special Notes

- The duty of this power unit is S3, i.e., 30 seconds on and 270 seconds off.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15-68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- The power unit should be mounted horizontally.
- Check the oil level in the tank after the initial running of the power unit.
- Change the oil after the first 100 hours of running the power unit, then change the oil every 3000 hours.

Copyright: Bucher Hydraulics (Wuxi)Co.,Ltd. 编号: 苏ICP备18069474号-1