

Welcome To **BUCHER**
hydraulics

POWER UNITS

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Power Units For Dock Leveler 5

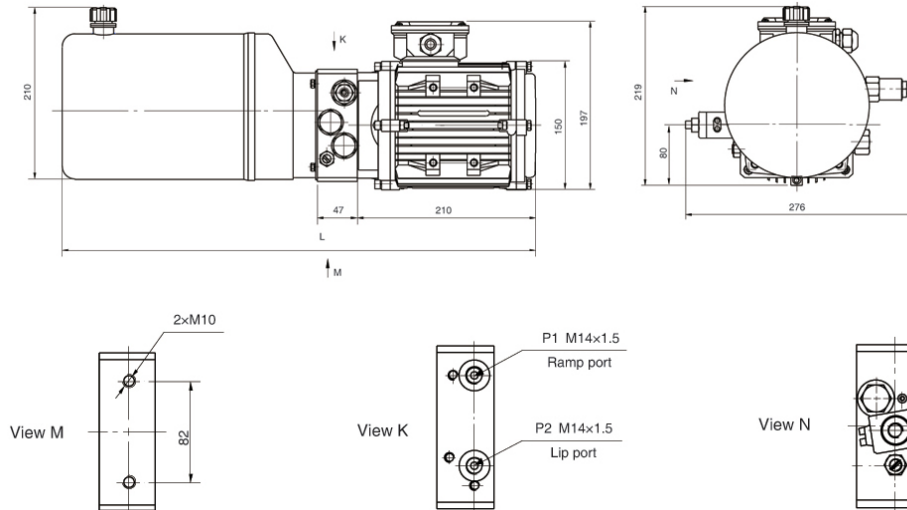
Power Units For Dock Leveler 5

General Description



This hydraulic power pack integrates the gear pump, AC motor, multifunctional manifold, cartridge valves, tank as well as the hydraulic accessories. It offers an efficient, reliable control for the up and down movements of the ramp and lip of a dock leveler. The 2nd relief valve ensures the main platform to be floating under load when the dock leveler is being used for loading and unloading the goods, thus protecting the dock leveler effectively.

Outline Dimension



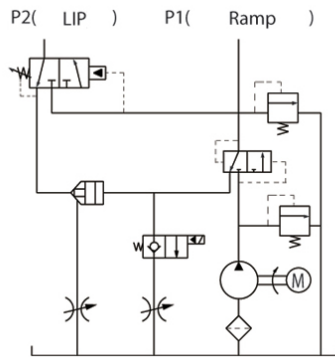
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Model Specifications

Model	Motor Volt	Motor power	Displacement	System pressure	Tank Capacity	L
YBZ-E2.1B4E82/1	380VAC	0.75KW	2.1mL/r	16MPa	6L	557mm
YBZ-E2.7B4E82/1			2.7mL/r	14MPa		

Remark: 1. Please go to page 38 or consult our sales engineer for the different pump displacement, motor power or tank capacity.

- The manual override function is available on request.
- 60HZ motors with CSA or UL certification are available upon request.

Special Notes

- The power unit is of S3 duty, which can only be worked intermittently, ie., 1minute on and 9 minutes 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.
- Check the oil level in the tank after the first start of the power unit.
- Change the oil after the first 100 hours of running the power unit, then change the oil every 3000 hours.

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