



PY-04/2/5/2M

PY-04/2/5/4M

**Operation of the power pump**

**PY-04/2/5/2E:**

By activating push-button number 1, the motor starts and the cylinder advances. In the neutral position the pressure is held. By activating push-button number 2, the solenoid valve is activated, the pressure decreases and the hydraulic cylinder retracts.

**Electric motor pumps, portable model PY-04**

**Operating pressure max. 700 bar**

These light-weight but powerful two-stage pumps are particularly designed for maintenance and repair jobs. Depending on their type, they can either operate single-acting or double-acting hydraulic cylinders.

The ideal combination of manually operated valve and remote pendant control provides the operator with ample freedom of motion and ensures a safe “holding of the load”.

The remote pendant control (1.5 m) is used to start the motor even under full load. The function for both manual valves is as follows: – advance – stop – return – With their light weight and convenient carrying handle, these pumps can be easily transported. Pumps are equipped with thermal overload protection and are supplied with hydraulic oil.

**Operation of the power pump**

**PY-04/2/5/2M:**

The 2/2-way manual valve operates together with a pilot operated unloading valve, so that the two valve positions result in the following two control possibilities:

1. Cylinder holds pressure after motor stop.
2. Cylinder automatically retracts after motor stop.

Model	For cylinder	Control valve operation	Reservoir litres	Motor	Displacement		Weight kg
					no load l/min	under load l/min	
*PY-04/2/5/2 M	single-acting	manual	5.0	0.35kw - 230V, 1Ph	4.0	0.23	24.0
*PY-04/2/5/4 M	double-acting	manual	6.5	0.35kw - 230V, 1Ph	4.0	0.23	24.0
PYE-03/3/10/3 M	single-acting	manual	10	0.35kw - 400V, 3Ph	0.3	0.3	35.0
PYE-03/3/10/4 M	double-acting	manual	10	0.35kw - 400V, 3Ph	0.3	0.3	35.0