

Motor driven continuous gear pump

ACM-II • AMI-300 • AMI-1000



[ACM-II]

[AMI-300]

[AMI-1000]

HOW to order

ACM-II AMI-300 AMI-1000

Voltage

- 1 AC100V φ1
- 2 AC200V φ3
- 3 AC200V φ3
With needle valve

※AC200V φ3 Needle valve available only with AMI-1000

Reservoir capacity

- 30 3l Metal reservoirs
- 40 4l Metal reservoirs
- 80 8l Metal reservoirs

Oil level switch

- Blank Without
- L With

Reservoir Mounting Position

- Blank Resin reservoirs
- F Foot mount
- B Wall mount

Reservoir Mounting Position

- L Pump position-Left
- R Pump Position-Right

Directions for use

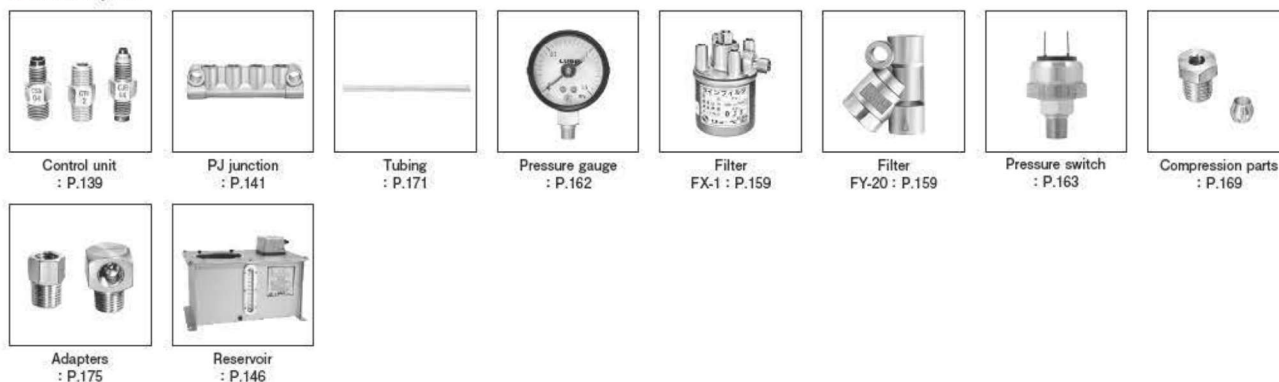
- Oil viscosity varies with oil temperature. Be sure to use oil within the working viscosity range. Refer to the viscosity table.
- Do not use any special additive-contained oil, water soluble oil and solvent.
- Periodically check the oil in the reservoir for impurities. Replace it, if necessary, with fresh oil immediately. Be sure to clean the reservoir before oil change.
- Make sure that proper voltage is applied.
- Do not over tighten the discharge joint. Refer to the tightening torque table.

※ Should the pump malfunction, contact us for immediate response with substitution.

Specifications

		ACM-II	AMI-300	AMI-1000
Pump	Discharge volume	60ml/min (50Hz) 70ml/min (60Hz)	300ml/min (50Hz) 330ml/min (60Hz)	1000ml/min (50Hz) 1100ml/min (60Hz)
	Discharge pressure	0.8MPa (safety valve setting)	0.8MPa (safety valve setting)	0.8MPa (safety valve setting)
Motor (Other voltages available.)	Voltage / Current	AC100V φ 1/0.6A (Condenser: 5μF) AC200V φ 3/0.3A	AC100V φ 1/1.4A (Condenser: 8μF) AC200V φ 3/0.35A	AC100V φ 1/2.0A (Condenser 12μF) AC200V φ 3/0.8A
	Output	30W Induction motor	50W Induction motor	75W Induction motor
Operation rate		Continuous		
Working viscosity range		32~1300mm ² /S	65~1300mm ² /S	
Reservoir capacity		2l, 3l, 4l, 8l (sheet metal)		
Weight		4.0kg	4.4kg	7.1kg
Other		Motor rotary direction: Counter- clockwise	Motor rotary direction: Clockwise	Motor rotary direction: Counter- clockwise
External fuse		100V/1A 200V/0.5A	100V/2A 200V/1A	100V/3A 200V/1A

● Related parts



Control unit : P.139

PJ junction : P.141

Tubing : P.171

Pressure gauge : P.162

Filter FX-1 : P.159

Filter FY-20 : P.159

Pressure switch : P.163

Compression parts : P.169

Adapters : P.175

Reservoir : P.146