

Feature

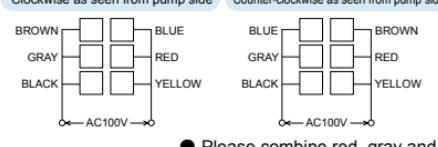
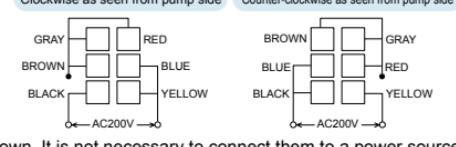
The 2MY-S consists of the 2A pump and a dedicated motor and has a small footprint. Single phase and 100V/ 200V are standard spec. of the motor.

The ultra high temperature version (VH, max. temp. 150°C) is available.

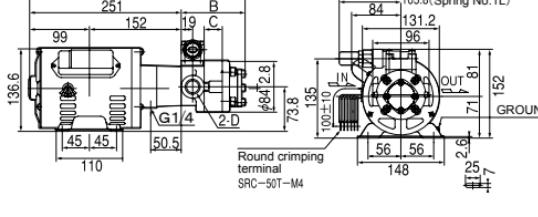
**Model**

Motor output	Model No.	Applications	Rotation direction	Seal material	Relief valve	Relief valve set pressure
FTP-2ME	S-	A M	No mark:Counter clockwise	No mark:Standard (-5~80°C)	No mark:No valve	ex. 0.1: Set pressure 0.1MPa(Spring No.1L)
200	204	No mark:Standard	R : Clockwise	VF:Viton(R) for high temp. (120°C)	VB:With valve (Internal-return)	0.5: Set pressure 0.5MPa(Spring No.2L)
400	206	WO:Bunker oil,		VD:With valve (External-return)	1.0: Set pressure 1.0MPa(Spring No.3L)	
750	208	Coolant Water				2.0: Set pressure 2.0MPa(Spring No.4L)
	210	PL:Liquid seal				
	212					
	216					
	220					

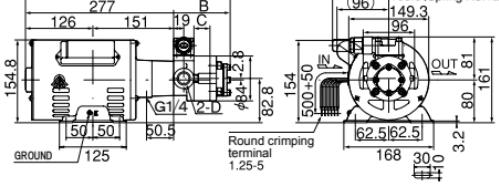
Model examples: FTP-2ME200S-204AM-VB1.0 (200W, single-phase, with relief valve (set pressure 1.0MPa))
FTP-2ME400S-210AMR (400W, single-phase, counter-clockwise as seen from the pump side)
FTP-2ME750S-216AM-VD (750W, single-phase, with relief valve (external-return))

Wiring diagram**■ 100V (LOW VOLTAGE)****■ 200V (HIGH VOLTAGE)**

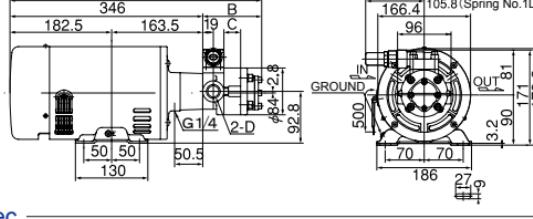
● Please combine red, gray and brown. It is not necessary to connect them to a power source.

Dimensional diagrams (mm)**■ FTP-2ME200S-2**AM-VB**

Model	LB	B	C	D
204A	337	86	10	Rc1/2
206A	342	91	15	
208A	347	96	20	Rc3/4
210A	352	101	25	
212A	357	106	30	
216A	367	116	40	

■ FTP-2ME400S-2AM-VB**

Model	LB	B	C	D
204A	363	86	10	Rc1/2
206A	368	91	15	
208A	373	96	20	Rc3/4
210A	378	101	25	
212A	383	106	30	
216A	393	116	40	
220A	403	126	50	

■ FTP-2ME750S-2AM-VB**

Model	LB	B	C	D
204A	432	86	10	Rc1/2
206A	437	91	15	
208A	442	96	20	Rc3/4
210A	447	101	25	
212A	452	106	30	
216A	462	116	40	
220A	472	126	50	

Spec

Spec	No. of motor revolutions 50Hz 1500min⁻¹			No. of motor revolutions 60Hz 1800min⁻¹		
	Theoretical flow rate (L/min)	Max. discharge pressure to motor output (MPa)		Theoretical flow rate (L/min)	Max. discharge pressure to motor output (MPa)	
Model	200W	400W	750W	200W	400W	750W
204A (VB,VD)	6.0	1.2	3.0	7.2	0.9	2.3
206A (VB,VD)	9.0	0.7	1.8	10.8	0.5	1.5
208A (VB,VD)	12.0	0.5	1.3	14.4	0.3	1.0
210A (VB,VD)	15.0	0.4	1.1	18.0	0.3	0.9
212A (VB,VD)	18.0	0.3	0.9	21.6	0.2	0.7
216A (VB,VD)	24.0	0.2	0.7	28.8	0.1	0.5
220A (VB,VD)	30.0	—	0.5	36.0	—	0.9

The above max. discharge pressures are in combination with ISO-VG46 at 40°C. The max. pressures may be lower depending on viscosity and temperature. Note that for liquids with a higher viscosity than ISO-VG46 at 40 °C, the motor power may be insufficient. Lower viscosity liquids limit the pump's maximum discharge pressure. For handling higher viscosity (>46 mm²/s), The motor capacity has to be increased by 1 or 2 levels. For use of lower viscosity (<10 mm²/s), please refer to the spec. of 2MY-2AWO.

Motor spec

Power (W)	Pole (P)	Rating	Voltage (V)	Frequency (Hz)	Revolutions (min⁻¹)	Current (A)	Approx. Weight (kg)
			100	50	1440	5.6	
200	4	Continuous	200	60	1730	4.9	8
			200	60	1440	2.8	
400	4	Continuous	100	50	1430	8.4	13
			200	60	1720	7.6	
750	4	Continuous	100	50	1450	12.0	19
			200	60	1740	11.0	
			200	60	1450	6.0	
			200	60	1740	5.5	

● Open and drip-proof type.