Feature

The 2MBC product combines the 2A pump and a dedicated motor are connected by a coupling and mounted on a base. The standard motor for the 2MBC is a 3 phase, 4 pole and 200V motor. Other motors can be used. (e.g. outdoor type, explosion-proof, high efficiency, 6 pole, different voltage inverter).

A continuous operation at 200℃ (VH version) can be conducted. Please contact Fuji Techno for this operation.

Model

FTP−2MBC □ □ − □A □ □ − □ □

Motor output	Motor pole	Model No.	Applications	Rotation direction	Seal material	Relief valve	Relief valve set pressure
200	No mark:4 poles	204	No mark:Standard	No mark:Counter clockwise	No mark:Standard (-5~80℃)	No mark:No valve	ex.
400	×2P:2 poles	206	WO:Bunker oil, Coolant Water	R:Clockwise	VF:Viton(R)for high temp. (120℃)	VB:With valve (Internal-return)	0.1:Set Pressure 0.1MPa(Spring No.1L)
750	×6P:6 poles	208	PL:Liquid seal		VH:Ultrahigh temp. (200℃)	VD:With valve (External-return)	0.5:Set Pressure 0.5MPa(Spring No.2L)
1500	×8P:8 poles	210					1.0:Set Pressure 1.0MPa(Spring No.3L)
2200		212					2.0:Set Pressure 2.0MPa(Spring No.4L)
		216					
		220					

※ There are descriptions of motors with different voltages (voltages other than 200V/50・60Hz and 220V/60Hz), insulations of class E or higher and special versions like outdoor types, explosion-proof and others.

Model examples:FTP-2MBC750X6P-220AVF-VB1.0 (750W, 6 pole, high temp. version, with relief valve (set pressure 1.0MPa))

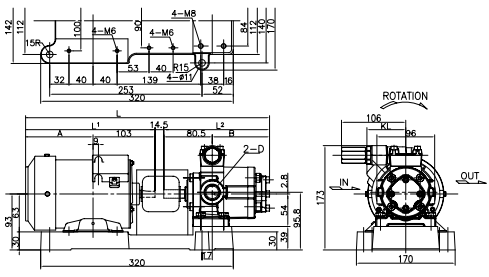
Dimensional diagrams (mm)

The dimensions of the WO version are different.

■ FTP-2MBC200-2**A-VB

Model	L	L_1	A	L_2	B	KL	D
204A	375.2	215	112	145.7	65.2	64.5	Rc 1/2
206A	380.2	215	112	150.7	70.2	64.5	
208A	385.2	215	112	155.7	75.2	64.5	
210A	390.2	215	112	160.7	80.2	64.5	Rc 3/4
212A	395.2	215	112	165.7	85.2	64.5	
216A	405.2	215	112	175.7	95.2	64.5	
220A	415.2	215	112	185.7	105.2	64.5	

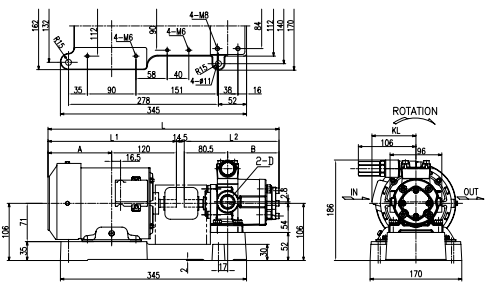
● The above are numbers in case that a Mitsubishi motor is used.



■ FTP-2MBC400-2**A-VB

Model	L	L_1	A	L_2	B	KL	D
204A	398.2	238	118	145.7	65.2	82	Rc 1/2
206A	403.2	238	118	150.7	70.2	82	
208A	408.2	238	118	155.7	75.2	82	
210A	413.2	238	118	160.7	80.2	82	Rc 3/4
212A	418.2	238	118	165.7	85.2	82	
216A	428.2	238	118	175.7	95.2	82	
220A	438.2	238	118	185.7	105.2	82	

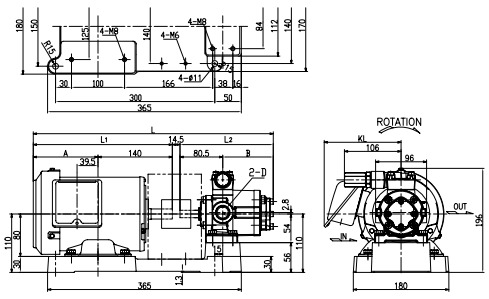
● The above are numbers in case that a Mitsubishi motor is used.



■ FTP-2MBC750(400X6P)-2**A-VB

Model	L	L_1	A	L_2	B	KL	D
204A	422.2	262	122	145.7	65.2	145	Rc 1/2
206A	427.2	262	122	150.7	70.2	145	
208A	432.2	262	122	155.7	75.2	145	
210A	437.2	262	122	160.7	80.2	145	Rc 3/4
212A	442.2	262	122	165.7	85.2	145	
216A	452.2	262	122	175.7	95.2	145	
220A	462.2	262	122	185.7	105.2	145	

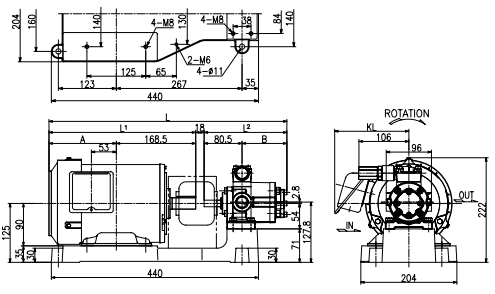
● The above are numbers in case that a Mitsubishi motor is used.



■ FTP-2MBC1500(750X6P)-2**A-VB

Model	L	L_1	A	L_2	B	KL	D
204A	475.2	311.5	143	145.7	65.2	158	Rc 1/2
206A	480.2	311.5	143	150.7	70.2	158	
208A	485.2	311.5	143	155.7	75.2	158	
210A	490.2	311.5	143	160.7	80.2	158	Rc 3/4
212A	495.2	311.5	143	165.7	85.2	158	
216A	505.2	311.5	143	175.7	95.2	158	
220A	515.2	311.5	143	185.7	105.2	158	

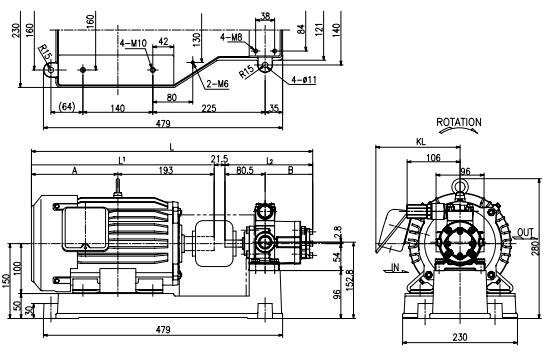
● The above are numbers in case that a Mitsubishi motor is used.



■ FTP-2MBC2200(1500X6P)-2**A-VB

Model	L	L_1	A	L_2	B	KL	D
204A	533.2	366	173	145.7	65.2	169	Rc 1/2
206A	538.2	366	173	150.7	70.2	169	
208A	543.2	366	173	155.7	75.2	169	
210A	548.2	366	173	160.7	80.2	169	Rc 3/4
212A	553.2	366	173	165.7	85.2	169	
216A	563.2	366	173	175.7	95.2	169	
220A	573.2	366	173	185.7	105.2	169	

● The above are numbers in case that a Mitsubishi motor is used.



Spec

Model	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)			
		200W	400W	750W	1500W	2200W		200W	400W	750W	1500W	2200W
204A (VB、VD)	6.0	1.2	3.0	3.0	3.0	3.0	7.2	0.9	2.3	3.0	3.0	3.0
206A (VB、VD)	9.0	0.7	1.8	2.5	2.5	2.5	10.8	0.5	1.4	2.5	2.5	2.5
208A (VB、VD)	12.0	0.5	1.3	2.5	2.5	2.5	14.4	0.3	1.0	2.3	2.5	2.5
210A (VB、VD)	15.0	0.4	1.1	2.5	2.5	2.5	18.0	0.3	0.9	2.0	2.5	2.5
212A (VB、VD)	18.0	0.3	0.9	2.0	2.0	2.0	21.6	0.2	0.7	1.6	2.0	2.0
216A (VB、VD)	24.0	0.2	0.7	1.5	1.5	1.5	28.8	0.1	0.5	1.2	1.5	1.5
220A (VB、VD)	30.0	—	0.5	1.2	1.2	1.2	36.0	—	0.3	0.9	1.2	1.2

● The above max. discharge pressure are in combination with ISO-VG46 at 40℃.
The rates vary depending on viscosity and temperature.

Model	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)			
		200W	400W	750W	1500W		200W	400W	750W	1500W
204A (VB、VD)	6.0	1.2	1.5	1.5	1.5	7.2	1.0	1.5	1.5	1.5
206A (VB、VD)	9.0	0.8	1.5	1.5	1.5	10.8	0.6	1.5	1.5	1.5
208A (VB、VD)	12.0	0.6	1.5	1.5	1.5	14.4	0.4	1.2	1.5	1.5
210A (VB、VD)	15.0	0.4	1.2	1.5	1.5	18.0	0.3	1.0	1.5	1.5
212A (VB、VD)	18.0	0.3	1.0	1.5	1.5	21.6	—	0.8	1.5	1.5
216A (VB、VD)	24.0	0.2	0.8	1.5	1.5	28.8	—	0.6	1.2	1.5
220A (VB、VD)	30.0	—	0.6	1.2	1.2	36.0	—	0.5	1.0	1.2

● The above max. discharge pressure are in combination with ISO-VG2 at 40℃.
● **In the event that abrasive liquid like kerosene oil is used, a discharge pressure must be 0.7MPa or less.**

FTP-2MBC's compliance to standards

	U.S.A./Canada	Korea	Australia	E U	China
Required standard	1HP~200HP IE3	0.75kW~200kW IE2	0.73kW~185kW LEVEL 1A,1B	0.75kW~375kW IE2	0.55kW~315kW GB2
Compliant product	● The regular products can be used for 400W or lower. ● Spesial motors must be used for 750W or higher.	● The regular products can be used for 400W or lower. ● Spesial motors must be used for 750W or higher.	● The regular products can be used for 400W or lower. ● Spesial motors must be used for 750W or higher.	● The regular products can be used for 400W or lower. ● Spesial motors must be used for 750W or higher.	● Products with CCC motors are prepared for 750W or lower. ● Spesial motors must be used for 1500W or higher.

● The above is as of June, 2012. Since standards may be revised, please check the latest status of a standard of your interest.