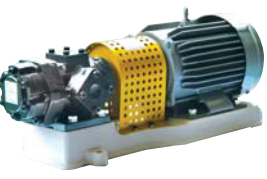


Feature

The 3MBC product combines the 3H pump and a non-dedicated motor are connected by a coupling and mounted on a base. The standard spec. of the motor is 3 phase, 4 pole and 200V. It is possible to use other motors such as outdoor type, explosion-proof, 6 pole, geared motor and different voltage motor. A continuous operation at 200°C (VH version) can be provided. Please contact Fuji Techno for this operation.



Model

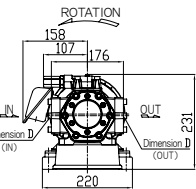
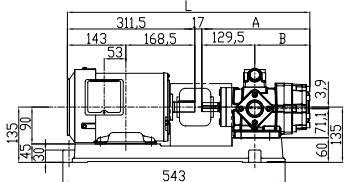
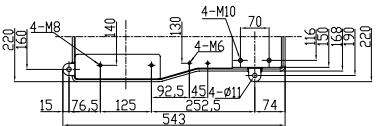
FTP-3MBC	Motor output □kW	Motor pole, reduction ratio □	Model No. Applications □H□	Rotation direction □	Seal material □	Relief valve □	Relief valve set pressure □
	0.75 1.5 2.2 3.7 5.5	No mark:4 poles ×6P:6 poles ×8P:8 poles 1/3:Ratio 1/3 1/5:Ratio 1/5 1/10:Ratio 1/10	320 330 340 350 No mark:Standard WO:Bunker oil, Coolant Water PL:Liquid seal	No mark:Clockwise L:Counter clockwise	No mark:Standard (-5~80°C) VF:Viton(R)for high temp. (120°C) VH:Ultrahigh temp. (200°C)	No mark:No valve VB:With valve (Internal-return) VD:With valve (External-return)	ex. 0.1: Set Pressure 0.1MPa (Spring No.1L) 0.5: Set Pressure 0.5MPa (Spring No.2L) 1.0: Set Pressure 1.0MPa (Spring No.3L) 2.0: Set Pressure 2.0MPa (Spring No.4L)
Model examples: FTP-3MBC1.5kW×6P-320HPL-VB1.0 (1.5kW,6 pole,liquid seal specifications,with relief valve (Set pressure 1.0MPa))							

Dimensional diagrams (mm)

■ FTP-3MBC1.5kW×4P(0.75kW×6P)-3**H-VB

■ Standard and PL type

形式	L	A	B	D	
				In	Out
320H	592.5	264	134.5	Rc1	
330H	592.5	264	134.5		Rc1
340H	592.5	264	134.5	Rc1 $\frac{1}{4}$	
350H	602.5	274	144.5		Rc1 $\frac{1}{4}$



■ WO type

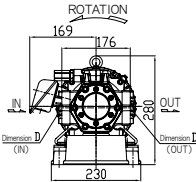
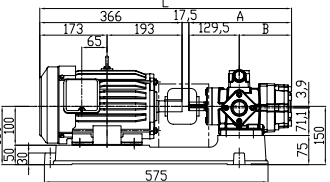
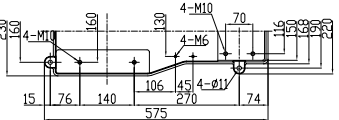
形式	L	A	B	D	
				In	Out
320H	592.5	264	134.5	Rc1	
330H	592.5	264	134.5		Rc1
340H	592.5	264	134.5	Rc1 $\frac{1}{4}$	
350H	602.5	274	144.5		Rc1 $\frac{1}{4}$

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

■ FTP-3MBC2.2kW×4P(750×6P)-3**H-VB

■ Standard and PL type

形式	L	A	B	D	
				In	Out
320H	647.5	264	134.5	Rc1	
330H	647.5	264	134.5		Rc1
340H	647.5	264	134.5	Rc1 $\frac{1}{4}$	
350H	657.5	274	144.5		Rc1 $\frac{1}{4}$



■ WO type

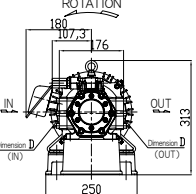
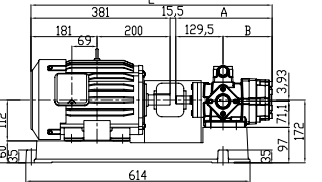
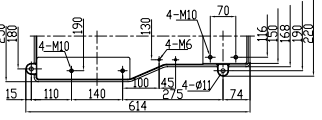
形式	L	A	B	D	
				In	Out
320H	647.5	264	134.5	Rc1	
330H	647.5	264	134.5		Rc1
340H	647.5	264	134.5	Rc1 $\frac{1}{4}$	
350H	657.5	274	144.5		Rc1 $\frac{1}{4}$

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

■ FTP-3MBC3.7kW×4P(2.2kW×6P)-3**H-VB

■ Standard and PL type

形式	L	A	B	D	
				In	Out
320H	660.5	264	134.5	Rc1	
330H	660.5	264	134.5		Rc1
340H	660.5	264	134.5	Rc1 $\frac{1}{4}$	
350H	670.5	274	144.5		Rc1 $\frac{1}{4}$



■ WO type

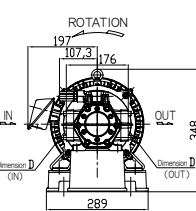
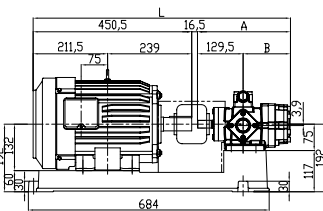
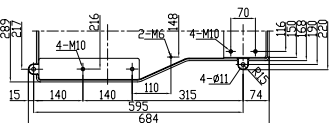
形式	L	A	B	D	
				In	Out
320H	660.5	264	134.5	Rc1	
330H	660.5	264	134.5		Rc1
340H	660.5	264	134.5	Rc1 $\frac{1}{4}$	
350H	670.5	274	144.5		Rc1 $\frac{1}{4}$

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

■ FTP-3MBC5.5kW×4P(3.7kW×6P)-3**H-VB

■ Standard and PL type

形式	L	A	B	D	
				In	Out
320H	731	264	134.5	Rc1	
330H	731	264	134.5		Rc1
340H	731	264	134.5	Rc1 $\frac{1}{4}$	
350H	741	274	144.5		Rc1 $\frac{1}{4}$



■ WO type

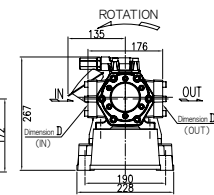
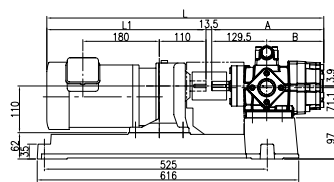
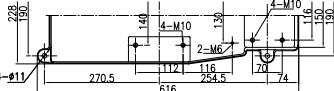
形式	L	A	B	D	
				In	Out
320H	731	264	134.5	Rc1	
330H	731	264	134.5		Rc1
340H	731	264	134.5	Rc1 $\frac{1}{4}$	
350H	741	274	144.5		Rc1 $\frac{1}{4}$

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

■ FTP-3MBC750×1/10(1/3 1/5)-3**H-VB

■ Standard and PL type

形式	L	L1	A	B	D	
					In	Out
320H	661.5	652.3	384	374.8	264	134.5
330H	661.5	652.3	384	374.8	264	134.5
340H	661.5	652.3	384	374.8	264	134.5
350H	671.5	662.3	384	374.8	274	144.5



■ WO type

形式	L	L1	A	B	D	
					In	Out
320H	661.5	652.3	384	374.8	264	134.5
330H	661.5	652.3	384	374.8	264	134.5
340H	661.5	652.3	384	374.8	264	134.5
350H	671.5	662.3	384	374.8	274	144.5

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

FTP-3MBC's compliance to standards

Spec Model	Theoretical flow rate (L/min)	No. of motor revolutions 50Hz 1500min ⁻¹				No. of motor revolutions 60Hz 1800min ⁻¹			
		Max. discharge pressure to motor output (MPa)				Max. discharge pressure to motor output (MPa)			
		1500W	2200W	3700W	5500W	1500W	2200W	3700W	5500W
FTP-320H	39.0	1.3	2.2	4.0	4.0	46.8	1.0	1.7	3.2
FTP-330H	58.5	0.8	1.4	2.6	4.0	70.2	0.5	1.0	2.1
FTP-340H	78.0	0.5	0.9	1.8	3.0	93.6	0.3	0.6	1.4
FTP-350H	97.5	0.3	0.7	1.4	2.0	117.0	0.1	0.4	1.0

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

Spec

	U.S.A./Canada	Korea	Australia	E U	China
Required standard	1HP~200HP I E 3	0.75kW~200kW I E 2	0.73kW~185kW LEVEL 1A,1B	0.75kW~375kW I E 2	0.55kW~315kW GB 2
Compliant product	Use of special motors	Use of special motors	Use of special motors	Use of special motors	GB2 certified product

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