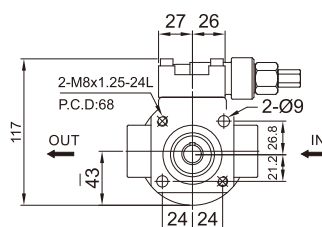
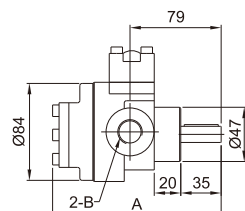
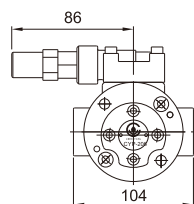
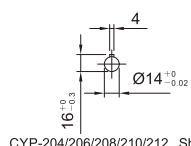


CYP-204~CYP-210 Heavy Oil Pump

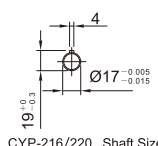
Heavy Oil Pump
W/Holder* Standard type is
without the holder.

Model	A	B
CYP-204	141	PT 1/2
CYP-206	146	PT 3/4
CYP-208	151	
CYP-210	156	

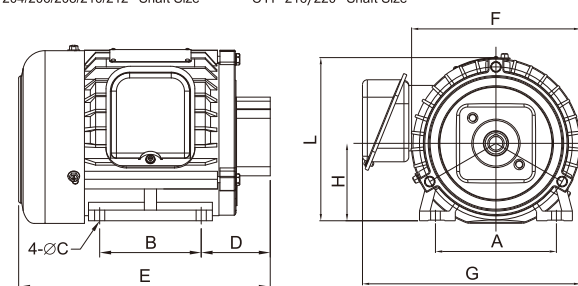
Model	A	B
CYP-212	161	PT 3/4, PT 1
CYP-216	171	PT 1
CYP-220	181	PT 1



CYP-204/206/208/210/212 Shaft Size



CYP-216/220 Shaft Size

Horizontal Motor+
Heavy Oil Pump

Horse Power(HP)	A	B	C	D	E	F	G	H	L
1/2	125	100	Ø10	68.0	247.5	175	225.5	80	167.5
	112	90	Ø10	76.5	243.5	156	214.0	71	154.0

※K

Horse Power(HP)	A	B	C	D	E	F	G	H	L
1	125	100	Ø10	75.5	262.5	175	225.5	80	168
2	140	125	Ø12	72.5	284.0	196	251.0	90	188
3	140	125	Ø12	80.0	299.0	196	251.0	90	193

◆ Features

1. The pressure and discharge volume is bigger than the rotary oil pump. It's easy to operate and install.
2. Recommend to assemble with adjustable valve and working pressure under 10kgf/cm² in order to avoid damaging oil pump function.
3. Use clean oil to avoid the block or damage the pump.
4. Standard fixed-hole direction is \. If the fixed-hole direction is /, please mark ※ T on order code.
5. The standard fixed hole is 125x100mm for 1/2HP motor assembled with heavy oil pump. If the fixed hole needs to be 112x90mm, please mark ※K while ordering.
6. The connector can help to reduce the noise while the motor is operating. It also can make the shaft much more durable. With a dust-shelter for the safety concern.
7. 1/2HP and 1HP TECO motor are available on request. Please mark ※ M while ordering.
8. The proper oil viscosity is 32~220cSt@40°C.
9. Recommend to install an Oil Auto Cleaner or a Line Filter to prevent any impurities from clogging or causing damage to the heavy oil pump in order to prolong the life cycle of heavy oil pump.

◆ Application of Machinery and Equipment

Suitable for various kinds of Machinery.

◆ Recommend to work with the motor as the follows.

Model	Discharge Volume (L/min)		Max Pressure	R.P.M.	A Length (mm)	B Bore	N.W. (kg)
	1420rpm	1720rpm					
CYP-204	7.5	9.0	20 kgf/cm ²	450~2000 rpm	141	PT 1/2	3.2
CYP-206	11.3	13.5			146	PT 3/4	3.3
CYP-208	15.3	18.5			151	PT 3/4	3.5
CYP-210	19.0	23.0			156	PT 3/4	3.7
CYP-212	21.9	26.5			161	PT1, PT3/4	3.9
CYP-216	29.3	35.5			171	PT1	4.3
CYP-220	34.3	41.5			181	PT1	4.6

With Adjustable Pressure Valve		Without Adjustable Pressure Valve	
Model	Motor Type	Model	Motor Type
CYP-204	1/2HP	CYP-204	1HP
CYP-206	1/2HP	CYP-206	1HP
CYP-208	1/2HP	CYP-208	1HP
CYP-210	1/2HP	CYP-210	2HP
CYP-212	1HP	CYP-212	2HP
CYP-216	1HP	CYP-216	2HP
CYP-220	1HP	CYP-220	3HP

◆ Order Code: * The net weight includes the adjustable pressure valve.

CYP-204

1

04

C

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Model 1 : With Adjustable
204 Pressure Valve
206 0 : Without Adjustable
208 Pressure Valve
210
212
216
220

Motor
04 : 1/2HP
08 : 1HP
16 : 2HP
24 : 3HP

Voltage
A : 1 Ø110V
C : 1 Ø220V
D : 3 Ø220/380V
E : 3 Ø220/440V
F : 3 Ø208/415V
G : 3 Ø230/460V
H : 3 Ø240/480V
X : Special Voltage

Special Request
T : Fixed-Hole Direction/
K : Fixed-Hole size 112×90 mm
H : Add a heavy oil pump holder
M : Change motor to TECO motor

*The standard specification of B Bore for CYP-212 is PT1.

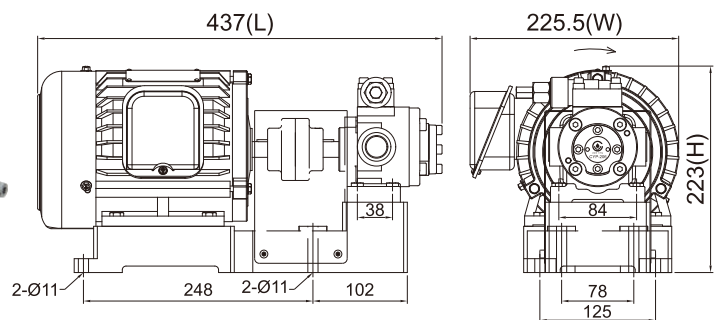
CYP-204~CYP-210 Heavy Oil Pump



Horizontal Motor + Connector + Heavy Oil Pump



Horizontal Motor with Cast Iron
Frame + Connector + Heavy Oil Pump



◆Features:

1. It can steady provides oil.
2. It is easy to operate and install.
3. The discharge volume and pressure is bigger than the rotary oil pump.
4. Recommend to assemble with an adjustable valve and working pressure under 10 kgf/cm^2 in order to avoid damaging oil pump function.
5. Use clean oil to avoid the block or damage the pump.
6. The connector can help to reduce the noise while the motor is operating. It also can make the shaft much more durable. With a dust-shelter for the safety concern.
7. 1/2HP and 1HP TECO motor are available on request. Please mark ※M while ordering.
8. The proper oil viscosity is $32 \sim 220 \text{ cSt}@40^\circ\text{C}$
9. Recommend to install an Oil Auto Cleaner or a Line Filter to prevent any impurities from clogging or causing damage to the heavy oil pump in order to prolong the life cycle of heavy oil pump.

◆Application:

1. Heavy oil pump can supply oil steadily, and be operated easily. It can be applied extensively to various different size machines such as industrial machines, tool machines, screw machines, etc.

◆Recommend to work with the motor as the follows.

Model	Discharge Volume (L/min)		Max Pressure	R.P.M.	Length (mm)	Dis. Bore	Pump Pedestal Holder	
	1420rpm	1720rpm					Distance Between Fixed Holes (mm)	Height (mm)
CYP-204	7.5	9.0	20 kgf/cm^2	450~2000 rpm	141	PT 1/2	84, 38	134
CYP-206	11.3	13.5			146	PT 3/4		
CYP-208	15.3	18.5			151	PT 3/4		
CYP-210	19.0	23.0			156	PT 3/4		
CYP-212	21.9	26.5			161	PT 1, PT 3/4		
CYP-216	29.3	35.5			171	PT1		
CYP-220	34.3	41.5			181	PT1		

Model	With Adjustable Pressure Valve (Recommendable)	Without Adjustable Pressure Valve
	Motor Type	Motor Type
CYP-204	1/2HP	1HP
CYP-206	1/2HP	1HP
CYP-208	1/2HP	1HP
CYP-210	1/2HP	2HP
CYP-212	1HP	2HP
CYP-216	1HP	2HP
CYP-220	1HP	3HP

◆Order Code:

CYP-204

1

04

C

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Model

Adjustable Pressure Valve

Motor

Voltage:

Special Request

204

206

208

210

212

216

220

1: With Adjustable Pressure Valve

0: Without Adjustable Pressure Valve

04 : 1/2HP

08 : 1HP

16 : 2HP

24 : 3HP

A: 1Ø 110V

C: 1Ø 220V

D: 3Ø 220/380V

E: 3Ø 220/440V

F: 3Ø 208/415V

G: 3Ø 230/460V

H: 3Ø 240/480V

X: Special Voltage

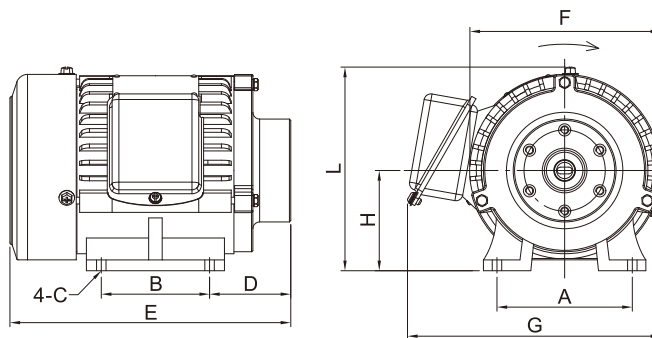
T: Change the fixed-hole direction of heavy oil pump to /.

M: Change motor to TECO motor.

Y: Add connector, pump holder, and motor fixed seat.

*The standard specification of B Bore for CYP-212 is PT1.

Horizontal Motor With Cast Iron Frame

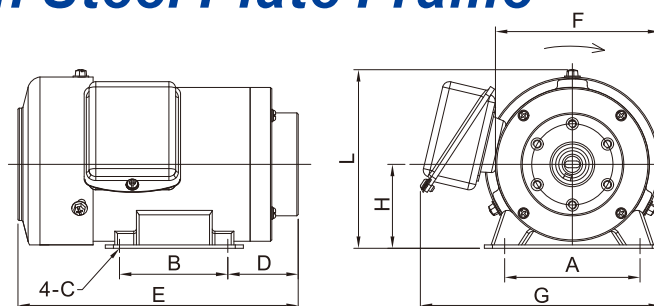


1/4HP: Assembled W/Rotary Oil Pump

1/2HP & 1HP: Assembled W/Heavy Oil Pump

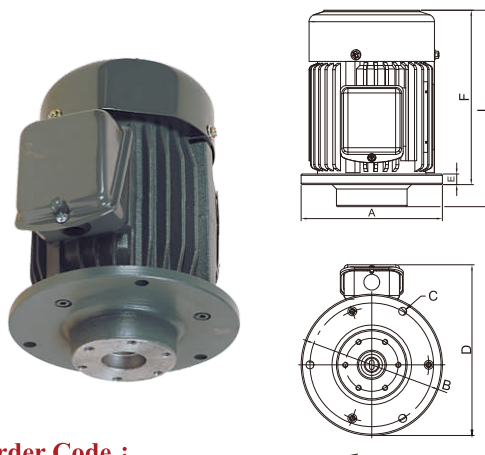
HP	A	B	C	D	E	F	G	H	L	N.W. (kg)
1/4	100	80	Ø7	60	207.5	142	187	74	150	9
1/2	125	100	Ø10	68	246	175	225	80	173	14
1	125	100	Ø10	75.5	262.5	175	225.5	80	168	16

Horizontal Motor With Steel Plate Frame



HP	A	B	C	D	E	F	G	H	L	N.W. (kg)
1/8	70	60	Ø7	51	179	100.7	152	56	105	5.5
1/4	100	80	Ø8	51.5	207	121.3	177	62	132	6.5

Vertical Motor With Cast Iron Frame



HP	A	B	C	D	E	F	L	N.W. (kg)
1/4	Ø160	Ø140	3-Ø9	193	12	197.5	222.5	7.98

◆Order Code :

PMO-0

0 : Motor

02

HP

01 : 1/8HP
02 : 1/4HP
04 : 1/2HP
08 : 1HP

D

Voltage

A : 1Ø110V
C : 1Ø220V
D : 3Ø220/380V
E : 3Ø220/440V
F : 3Ø208/415V
G : 3Ø230/460V
H : 3Ø240/480V
X : Special Voltage

1

1 : Vertical Type (1/4HP)
3 : Horizontal Type

2

1 : Steel Plate
(1/8HP、1/4HP)
2 : Cast Iron
(1/4HP、1/2HP、1HP)

※

Special Request

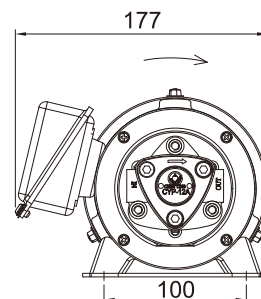
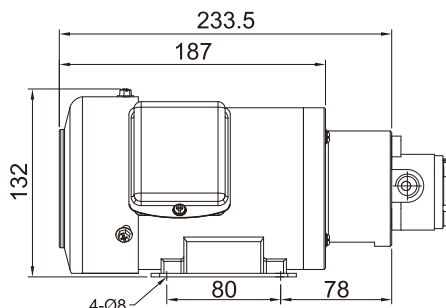


CHEN YING

Horizontal Motor With Connector



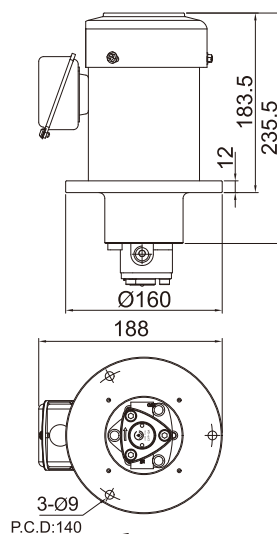
N.W.: 7 kg



Vertical Motor With Connector



N.W.: 8.9 kg



PS.Please specify the model of rotary oil pump(CYP-10A ~ CYP-13A) if needs to assemble with motor

◆Order Code :

PMO ——— 2

2 : Motor With Connector

02

HP
02 : 1/4HP

D

Voltage

A : 1Ø110V
C : 1Ø220V
D : 3Ø220V/380V
E : 3Ø220V/440V
F : 3Ø208V/415V
G : 3Ø230/460V
H : 3Ø240/480V
X : Special Voltage

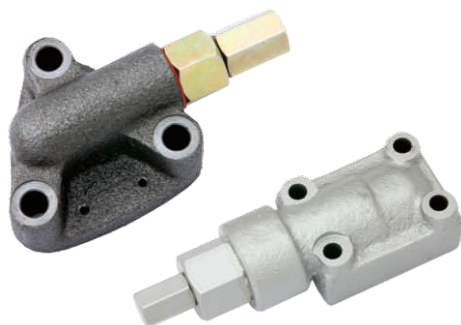
1

1 : Vertical Type
3 : Horizontal Type

※

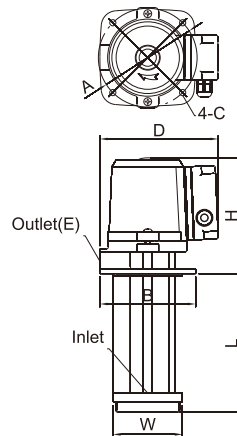
Special Request

Adjustable Pressure Valve



Model	Adjustable pressure range	N.W. (g)
CYP-AV (Assembled with CYP-10A~13A)	0~5kgf/cm ²	352
CYP-HA (Assembled with CYP-204~220)	0~10kgf/cm ²	565

Electric Immersion Pump(Coolant Pump)



HP	A	B	C	D	E(Dis. Bore)	H	W	L(On request)	Output(L/min)	Lift/Meter	Mark
1/8HP	Ø128	155	Ø8	180	PT 3/8	160	92	100/120/130/150/180	25~28	5.0~6.0	C
	Ø128	125	Ø8	153	PT 3/8	150	90	100/133/150/180/220	31~33	5.2~5.8	F
	Ø128	125	Ø8	153	PT 1/2				35~38	5.0~5.5	F
1/4HP	Ø158	180	Ø8	200	PT 1/2	180	125	120/150/180/200/240/270/300/350	71~76	9.0~10.0	C
	Ø158	175	Ø10	198	PT 1/2	200	124	155/180/200/220	70~72	9.6~10.2	F
					PT 3/4			240/270/350	85~92	9.3~10.0	F
1/2HP	Ø171	196	Ø10	222	PT 1	238	138	150/180/240/290	137	14.8	F
1 HP	Ø185	212	Ø10	225		270	152	250/290/380	190	18.1	F
1½HP									210	19.0	F

PS. The output will be different according to the different voltage, length and discharge bore.

◆Order Code :

PMO-4	01	D	180	A	F	※
4 : Immersion Pump	HP	Voltage	Height(mm) could be custom-made on request.	Discharge Bore	Mark F or C (Standard : F Type)	Special Request
01 : 1/8HP	A : 1Ø110V(1/8HP、1/4HP)			A : 1/2"(1/8HP、1/4HP)		
02 : 1/4HP	C : 1Ø220V(1/8HP、1/4HP)			B : 3/4"(1/4HP)		
04 : 1/2HP	D : 3Ø220V/380V			C : 1"(1/2HP、1HP、1½HP)		
08 : 1HP	E : 3Ø220V/440V			D : 3/8"(1/8HP)		
12 : 1½HP	F : 3Ø208V/415V					
	G : 3Ø230V/460V					
	H : 3Ø240V/480V					
	X : Special Voltage					

Electric Suction Pump(Coolant Pump)

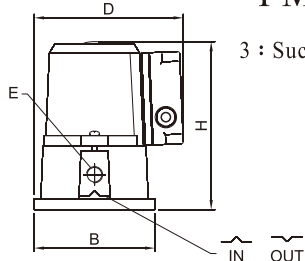
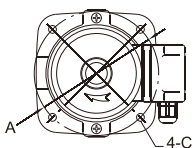


HP	A	B	C	D	E(Dis. Bore)	H	Output(L/min)	Voltage	Mark
1/8HP	Ø140	165	Ø8	185	PT 3/8	195	24~27	4.6~5.0	C
	Ø140	147	Ø8	187	PT 3/8	173	21~22	4.6~5.0	F
					PT 1/2		23~25		F
1/4HP	Ø185	225	Ø8	235	PT 1/2	240	70~75	8.1~8.6	C
	Ø185	178	Ø10	215	PT 1/2	233	56~58	8.1~8.6	F
					PT 3/4		72~74		F
1/2HP	Ø215	170	Ø11	216	PT 3/4	310	120	16.3	F
1 HP	Ø219	204	Ø11	233	PT 1	354	145	18.0	F
1½HP	Ø219	204	Ø11	233	PT 1	354	170	22.5	F

PS. The output will be different according to the different voltage, length and discharge bore.

Notice : Do not let the tank level exceed the pump level above 1.5 meters. The fluid pressure of the water inlet should be lower than 0.2kg/cm². In addition, fluid level should not be lower than the water inlet more than 140mm in order to avoid idle running which causes motor damage due to insufficient suction.

◆Order Code :

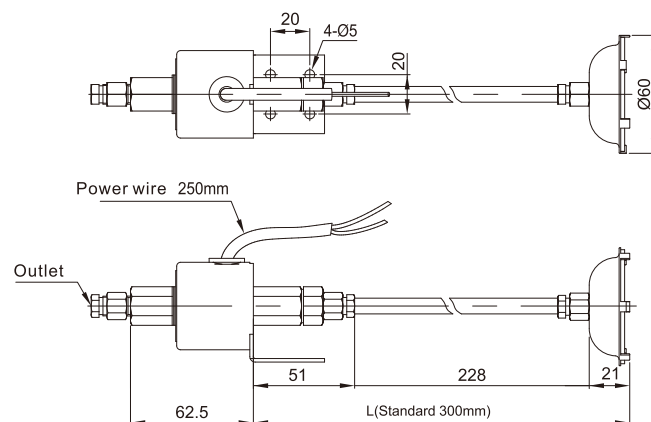


PMO-3	01	D	A	F	※
3 : Suction Pump	HP	Voltage	Discharge Bore	Mark F or C (Standard : F Type)	Special Request
01 : 1/8HP	A : 1Ø110V(1/8HP、1/4HP)		A : 1/2"(1/8HP、1/4HP)		
02 : 1/4HP	C : 1Ø220V(1/8HP、1/4HP)		B : 3/4"(1/4HP、1/2HP)		
04 : 1/2HP	D : 3Ø220V/380V		C : 1"(1HP、1½HP)		
08 : 1HP	E : 3Ø220V/440V		D : 3/8"(1/8HP)		
12 : 1½HP	F : 3Ø208V/415V				
	G : 3Ø230/460V				
	H : 3Ø240/480V				
	X : Special Voltage				



CHEN YING

Electro-Magnetic Pump

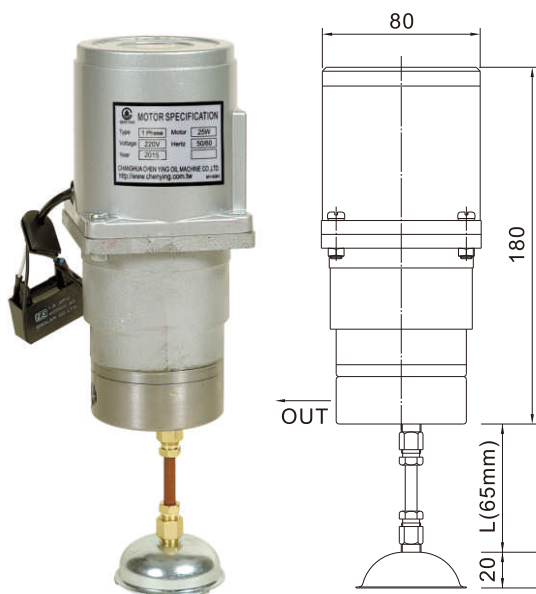


◆ features:

1. Electro-Magnetic pump has large discharge volume but compact size,.
2. Low cost of electricity
3. Easy operation and high practicality.
4. EL-1 type has fixed volume, while EL-2 type has adjustable volume.
5. Applicable for machines requiring long-time lubrication or cooling.
6. Applicable for small size machines such as lathes, milling machines, grinding machines, power press, etc.
7. Discharge volume varies in accordance with pipe length and oil viscosity.
8. Pumping pressure changes with temperature fluctuation. Temperature rises when pressure decreases.
9. The length of L can be customized. Standard length of PU tube is 300 mm.

Model	Motor	Max Volume	Operation Pressure	Voltage	Dis. Bore	Suction Pressure	Temperature Endurance	Function	Viscosity	N.W. (g)
EL-1	25W	300cc/min	0.8~1.2kgf/cm ²	110V 220V	Ø4 x PT 1/8 Ø6 x PT 1/8	30cm Hg±5cm Hg	85℃	Volume Fixed	32-68cSt@40℃	400
EL-2								Volume Adjustable		450

GA-25 Gear Pump



◆ Features:

1. Easy to operation.
2. Low cost, high practicality.
3. High quality of alloy steel that can maintain each lubrication point with oil.
4. The length can be customized. Standard length is steel tube 65 mm.

Model	Motor	Max Volume	Max Pressure	Voltage	Ampere	Herz	Dis. Bore	Viscosity	N.W. (kg)
GA-25 Resistance Type	25W	250 cc/min	12 kgf/cm ²	1Ø110V	0.7A	50/60HZ	Ø4 or Ø6	32-68cSt@40℃	3
				1Ø220V	0.2A				
				3Ø220V	0.3A				