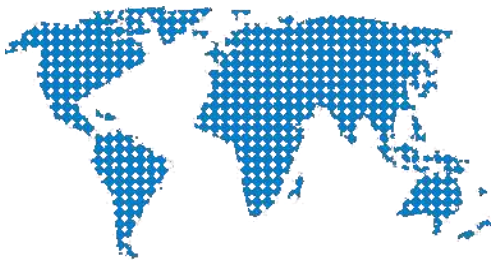
macxi®



苏州麦凯西流体技术有限公司

SUZHOU MACXI FLUID TECHNOLOGY CO.,LTD.

MACXI

Magnetic Drive Gear Pump

Committed to the optimization of product structure, the improvement of service life and customized according to customer requirements, to improve the competitiveness of products for supporting manufacturers!

Catalogue

Please refer to S series for the H series apperance and size

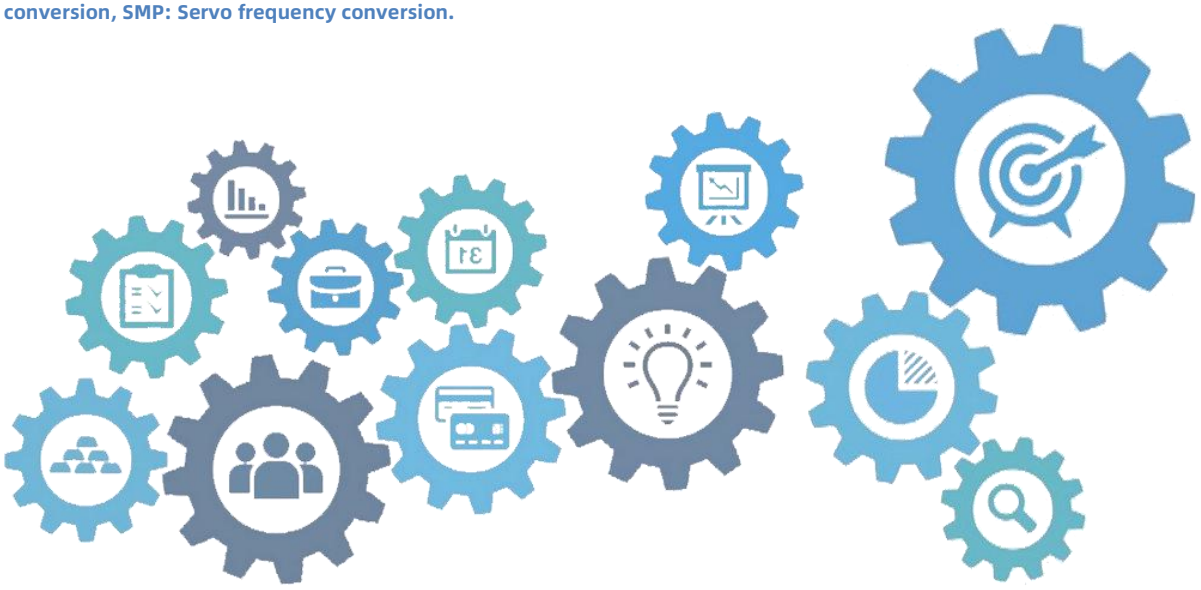
Model Instruction

Pump Head				Motor	
M	0.07	S	57	BL	120W

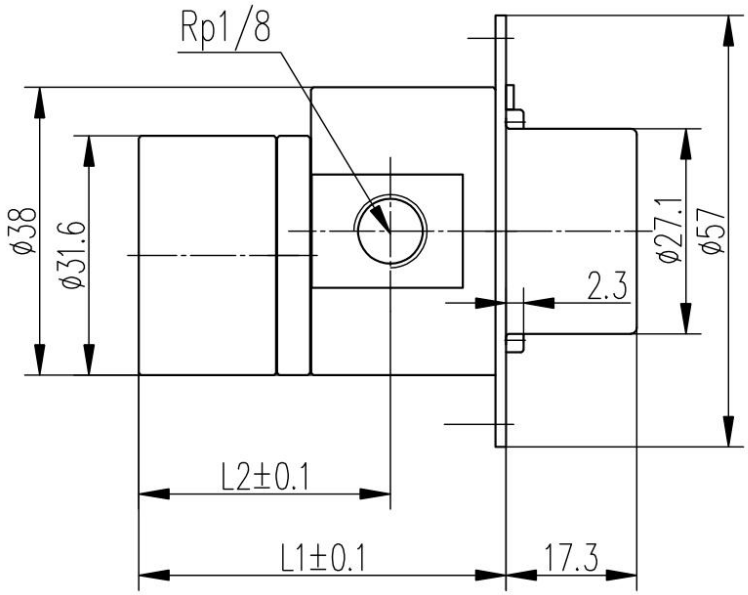
- Motor Power
- Motor Type, Note 4
- Pump head spec, Unit: mm, note 3
- Pump body materials, note 2 details
- Pump revolution, Unit: ml/rev, note 1 for details
- "M" means by magnetic drive

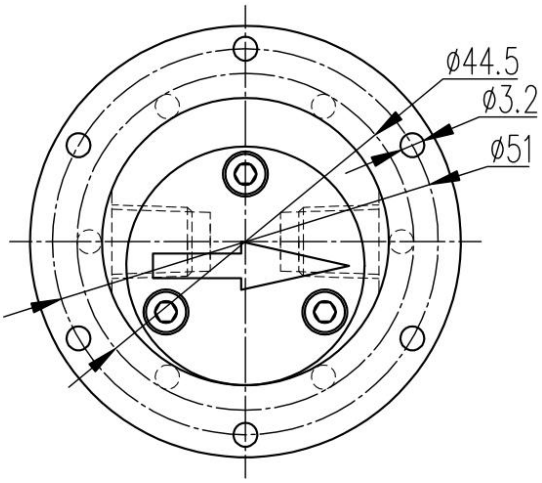
Remarks:

1. Pump output volume: 0.07,0.15,0.3,0.6,0.9,1.5,3.0,6.,12.0 (Unit: ml/rev)
2. "S" means pump body material is 316L, gear and shaft sleeve are PEEK, seal with PTFE, the rest others are 316L.
   "T" means pump body material is 316L, gear and shaft are Tungsten steel, shaft sleeve is PEEK, seal with PTFE, the rest others are 316L.
   "P" means pump body material is PPS, gear materail and shaft sleeve are PEEK, seal with FFKM, the rest others are Hastelloy.
   "H" means the pump body materials is Hastelloy, the gear and shaft sleeve is PEEK, the seal materials is PTFE, the rest of the pump flow material is Hastelloy, the appearance and size is same as 316L pump, details product parameters refer to 316L pump head.
3. Pump head range: 57, 72, 88. Model 57 has 0.07,0.15,0.3,0.6,0.9,1.5 ml/rev;Model 72 has 1.5,3.0 ml/rev; Model 88 has 3.0,6.0,12.0 ml/rev.
4. Motor:HS: Stepper Motor; BL: External drive DC brushless; BLa:Built-in drive DC brushless; BLb:Built-in drive DC brushless (potentiometer)DC:Brush motor; Y:Common asynchronous motor; YB:Explosion proof asynchronous motor; SM:Servo motor YP: General asynchronous frequency conversion YBP: Explosion proof asynchronous frequency conversion, SMP: Servo frequency conversion.



⟫ Pump Head Diagram:





⟫ Pump Head parameters:

Pump Type	L1 (mm)	L2 (mm)	Weight(kg)	Imp.&Exp. Size	Pump body materials	Gear Material	Flow (ml/rev)
M0.07S57	46.5	31.2	0.38	G1/8	304/316L	PEEK	0.07
M0.15S57	48.8	33.5	0.38				0.15
M0.30S57	48.8	33.5	0.38				0.3
M0.60S57	53.0	37.7	0.39				0.6
M0.90S57	57.2	41.9	0.41				0.9
M1.50S57	66.2	50.9	0.44	G1/4			1.5

●The values in this table are for reference only.

⟫ Remarks:

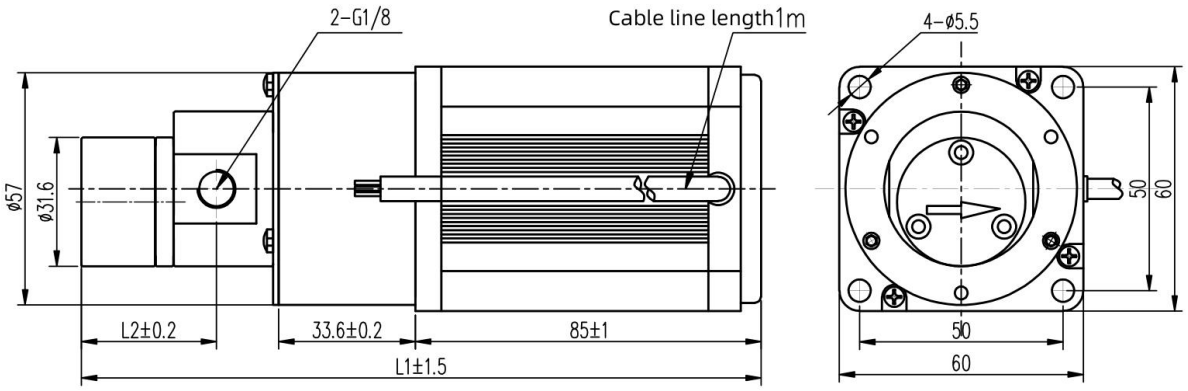
▲ This pump head is made by 316L, gear materail and shaft sleeve are PEEK, seal material is PTFE, the rest others are 316L.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	The max pressure (bar) (test medium: water)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow Range (L/H)
M0.07S57	BL120W	164.8	31.2	3.5	1.60	6.7	G1/8	1.26～18.9
M0.15S57		167.1	33.5	8	1.60			2.7～40.5
M0.30S57		167.1	33.5		1.60			5.4～81
M0.60S57		171.2	37.7		1.61			10.8～162
M0.90S57		175.5	41.9		1.63			16.2～243
M1.50S57		184.5	50.9	4	1.66		G1/4	27～405

Pump head parameter		Motor parameter		Motor wiring			
Continuous work pressure	0.6MPa	Rated voltage	24V	Red	+24V	Yellow (Thick)	R(U) Phase
Viscosity range	0.2-1500cps	Rev. range	500-4500rpm	Black	0	Green (Thick)	S(V) Phase
Temperature range	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Slot and Pole No.	6 Slot & 4 Pole	Yellow (Thin)	HALL A(U)	Blue (Thick)	T(W) Phase
Static sealing	PTFE	Hall mechanical angle	60°	Green (Thin)	HALL B(V)		
Pump Material	304/316L	Working System	Continuous or intermittent operation (can be started frequently)	Blue (Thin)	HALL C(W)		
Gear Material	PEEK and shaft 304/316L						

●The values in this table are for reference only.

》Remarks:

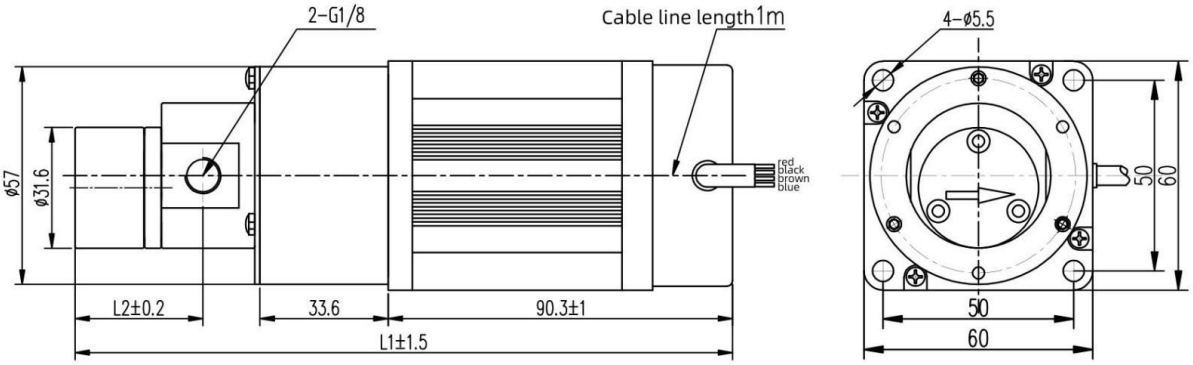
▲The brushless DC motor is used as the power driving gear pump. The brushless motor driver is configured to realize the motor function control. It has the functions of speed measurement, speed adjustment, forward and reverse rotation. It can be connected with the upper computer to realize intelligent control. It is especially suitable for the workplace with frequent start and stop, such as liquid filling. Step motor or servo motor can be selected as driving power.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:

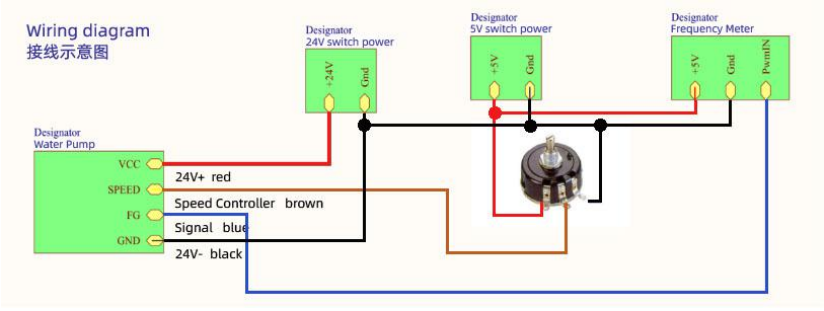


》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	The max pressure (bar) (test medium: water)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow Range (L/H)
M0.07S57	BLa80 W	170.1	31.2	3.5	1.46	4	G1/8	1.26～18.9
M0.15S57		172.4	33.5	8	1.46			2.7～40.5
M0.30S57		172.4	33.5		1.46			5.4～81
M0.60S57		176.6	37.7		1.47			10.8～162
M0.90S57		180.8	41.9	4	1.49			16.2～243

Pump Head Parameter		Motor Parameter		Motor wiring	
Viscosity	0.2-1500cps	Drive Type	Built in drive DC brushless	Red	+24V
Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated voltage	24V	Black	0
Static sealing	PTFE	Speed regulating	0-5 (0.35V ON 0.3V OFF)	Brown	Speed control signal 0-5V input
Pump Material	304/316L	Revolution	500-4500rpm	Blue	5V level, square wave, 2 pulses per revolution
Gear Material	PEEK and shaft 304/316L	Working system	Continuous		

●The values in this table are for reference only.



》Remarks:

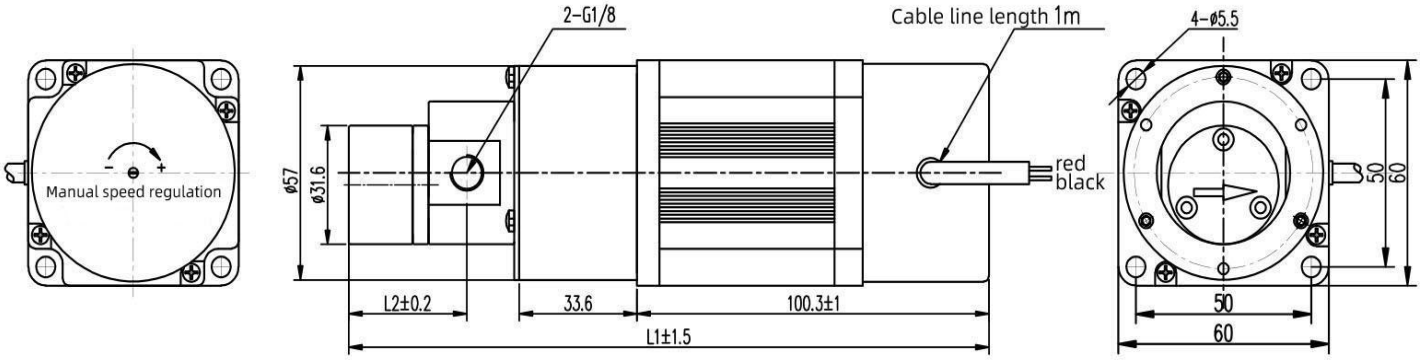
▲The built-in brushless DC motor is used to drive the gear pump. The drive of the product is integrated in the tail of the motor, so there is no need to connect the external driver. Please refer to the above table for the wiring definition!

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	The max pressure (bar) (test medium: water)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow Range (L/H)
M0.07S57	BLb80 W	180.1	31.2	3.5	1.84	4	G1/8	1.26～18.9
M0.15S57		182.4	33.5	8	1.84			2.7～40.5
M0.30S57		182.4	33.5		1.84			5.4～81
M0.60S57		186.6	37.7		1.85			10.8～162
M0.90S57		190.8	41.9	4	1.87			16.2～243

Pump Head Parameter		Motor Parameter		Motor wiring	
Fluid Viscosity	0.2-1500cps	Drive Type	Built-in drive DC brushless (W/potentiometer)	Red	+24V
Ambient TemperAture	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated Voltage	24V	Black	0
Static sealing	PTFE	Adjust	Manually adjust the potentiometer knob of the motor rear cover		
Pump Material	304/316L	Revolution	500-4500rpm		
Gear Material	PEEK and shaft 304/316L	Working system	Continuous work		

●The values in this table are for reference only.

》Remarks:

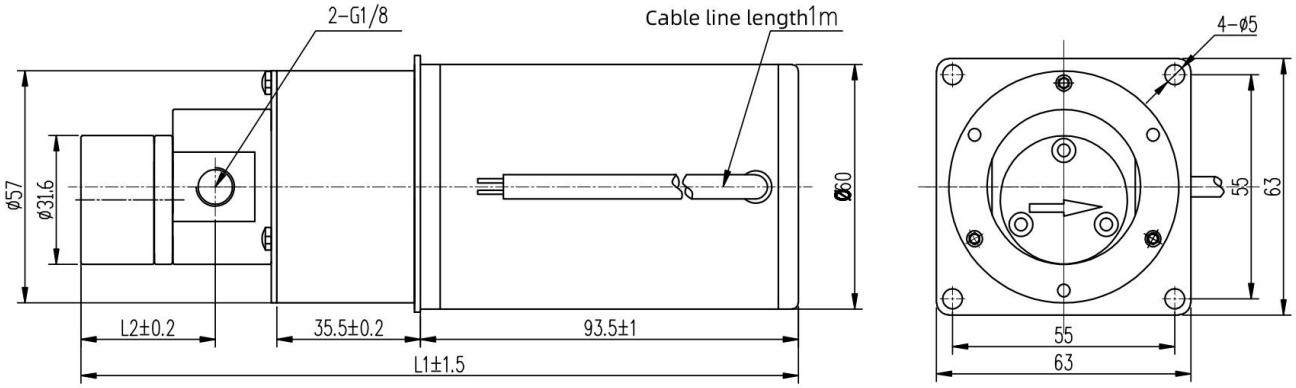
▲The built-in brushless DC motor is used to drive the gear pump. The product is simple to use, without external drive, directly connected to the DC 24 V power supply can make the motor work. Rotate the potentiometer button at the rear of the motor to adjust the motor speed and realize the flow change.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	The max pressure (bar) (test medium: water)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow Range (L/H)
M0.07S57	DC80W	203.3	31.2	3.5	1.67	4.5	G1/8	1.26～18.9
M0.15S57		205.6	33.5	8	1.67			2.7～40.5
M0.30S57		205.6	33.5		1.67			5.4～81
M0.60S57		209.7	37.7		1.68			10.8～162
M0.90S57		214.0	41.9		1.70			16.2～243
M1.50S57		223.0	50.9	4	1.73		G1/4	27～405

Pump head parameter		Motor parameter		Motor wiring	
Continuous work pressure	0.6MPa	Rated voltage	24V	Red	positive pole
Viscosity range	0.2-1500cps	Rated Rev	4500rpm	Black	negative pole
Temperature range	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Holding torque	0.17Nm		
Static sealing	PTFE	Working System	Continuous or intermittent operation (can be started frequently)		
Pump Material	304/316L				
Gear Material	PEEK and shaft 304/316L				

●The values in this table are for reference only.

》Remarks:

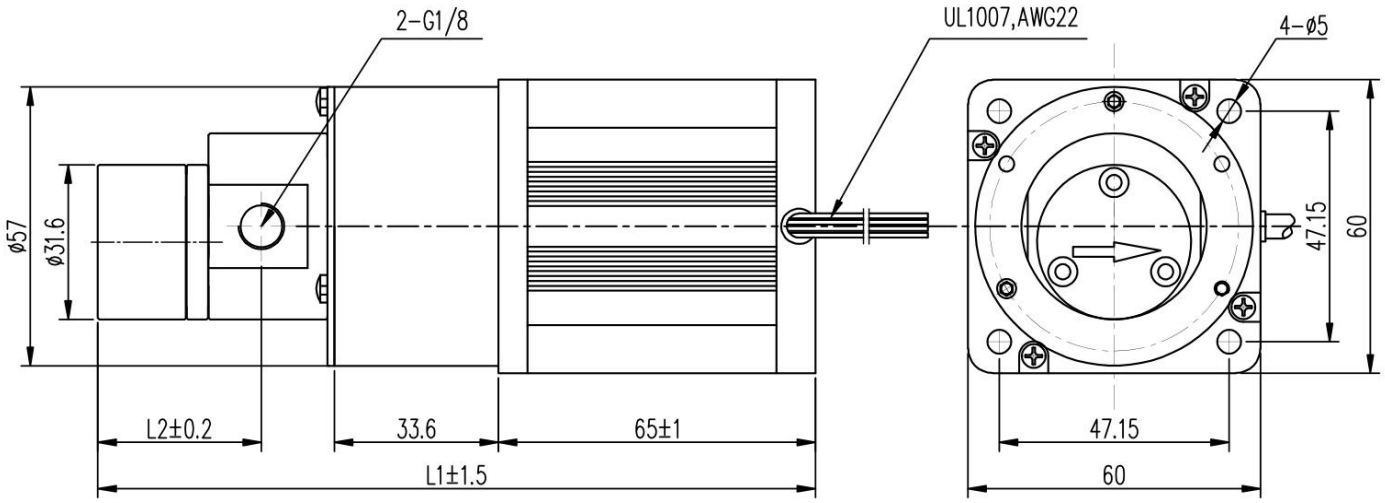
▲The gear pump is driven by DC brush motor.Easy to use, adjustable speed, suitable for frequent start and stop of the workplace, such as liquid filling.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	The max pressure (bar) (test medium: water)	Weight (kg)	Speed	Imp.&Exp. Size	Flow Range (L/H)
M0.07S57	HS60	144.8	31.2	0	1.51	0-500r/min	G1/8	0～2.1
M0.15S57		147.1	33.5	0	1.51			0～4.5
M0.30S57		147.1	33.5	1	1.51			0～9
M0.60S57		151.3	37.7	3	1.52			0～18
M0.90S57		155.5	41.9	5	1.54			0～27
M1.50S57		164.5	50.9	6	1.57		G1/4	0～45

Pump head paramers		Motor Parameter	
Continuous work pressure	0.6MPa	Holding torque	2.0Nm
Fluid Viscosity	0.2-1500cps	Coil resistance	1.1Ω
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Basic step angle	1.8°
Static sealing	PTFE	Rotational inertia	350 (gf-m^3)
Pump Body material	304/316L		
Gear Material	PEEK and shaft 304/316L		

●The values in this table are for reference only.

》Remarks:

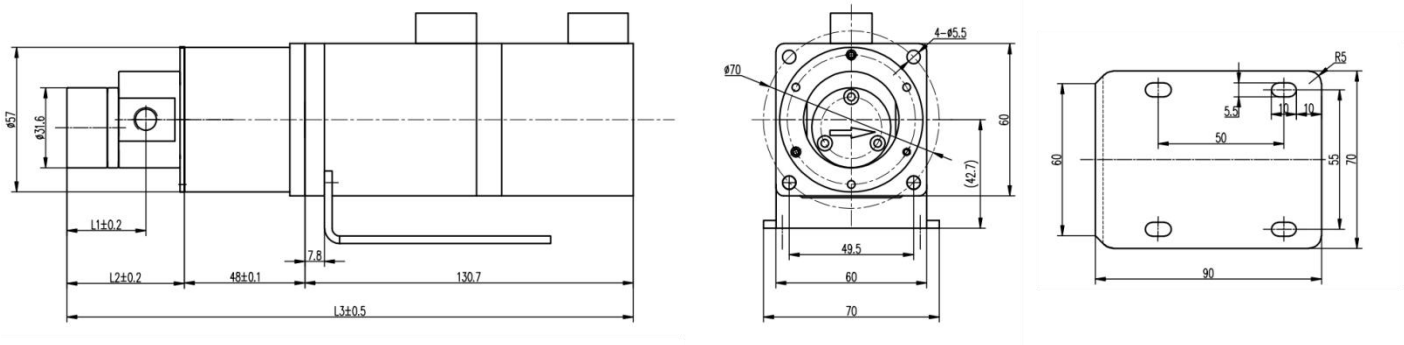
▲Stepping motor is used to drive this gear pump. It can realize the open-loop control, No need to wait the feedback signal, then the angle and speed control of the stepper motor can be realized by the number and frequency of the input pulses of the driver signal input. It is suitable for short distance, high precision and frequent operation.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	L3 (mm)	The max pressure (bar) (test medium: water)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow (L/H)
M0.07S57	SM400 W	223.1	92.4	31.2	2	2.38	2.6	G1/8	0～12.6
M0.15S57		225.4	94.7	33.5	5	2.38			0～27
M0.30S57		225.4	94.7	33.5	6	2.38			0～54
M0.60S57		229.6	98.9	37.7		2.39			0～108
M0.90S57		233.8	103.1	41.9		2.41			0～162
M1.50S57		242.8	112.1	50.9		2.44		G1/4	0～270

Pump Head Parameter		Motor Parameter	
Fluid Viscosity	0.2-1500cps	Rated Power	220V
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated torque	1.27Nm
Static sealing	PTFE	Rated Power	400W
Pump Body material	304/316L		
Gear Material	Gear PEEK, gear shaft 304 / 316L		

●The values in this table are for reference only.

》Remarks:

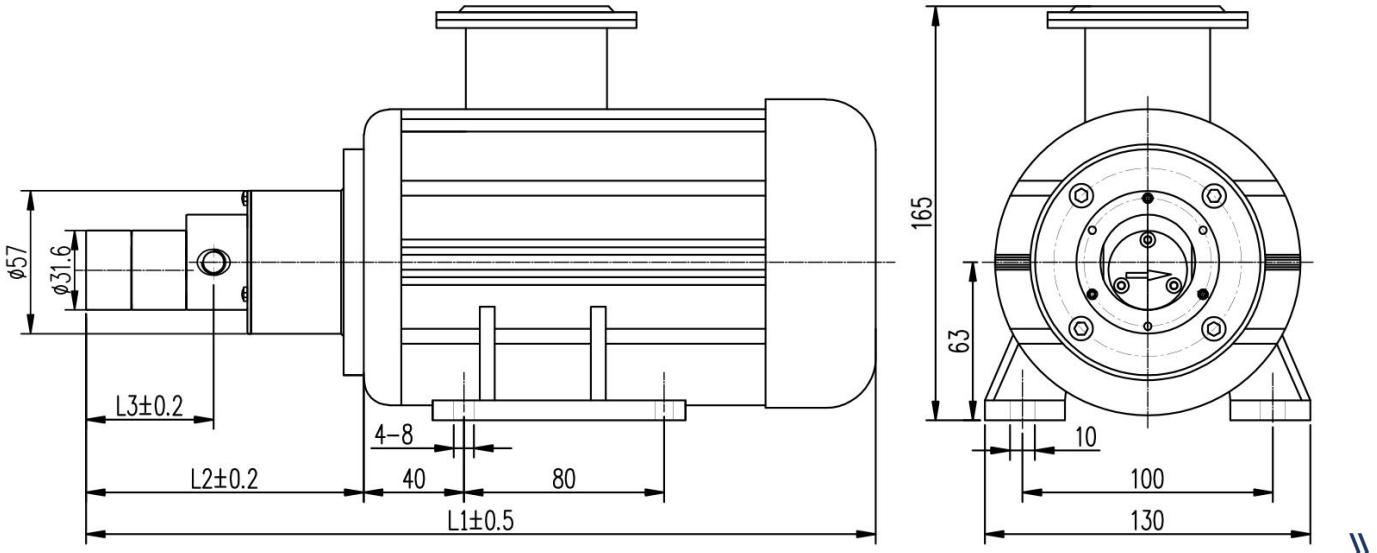
▲The gear pump is driven by servo motor. The closed-loop control of position, speed and torque is realized to improve the quantitative accuracy of gear pump. Good high-speed performance and stable low-speed operation can improve the gear pump's larger flow regulation range. It can withstand three times of the rated load. It is especially suitable for occasions with instantaneous load fluctuation and quick start-up. Low noise, low heat.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	L3 (mm)	The max pressure (bar) (test medium: water)		Weight (kg)	Imp.&Exp. Size	Flow (L/H)	
						2 Pole	4 Pole			2 Pole	4 Pole
M0.07S57	Y0.18 KW	63	296.4	91.4	31.2	2	1	5.11	G1/8	5.04～11.76	2.52～5.88
M0.15S57			298.7	93.7	33.5	4	2	5.11		10.8～25.2	5.4～12.6
M0.30S57			298.7	93.7	33.5	8	4	5.11		21.6～50.4	10.8～25.2
M0.60S57			302.9	97.9	37.7	8		5.12		43.2～100.8	21.6～50.4
M0.90S57			307.1	102.1	41.9			5.14		64.8～151.2	32.4～75.6
M1.50S57			315.9	110.9	50.9			5.17	G1/4	108～252	54～126

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.8MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-1500cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated Current	0.6A
Static sealing	PTFE	Protection Level	IP55
Pump Body material	304/316L	Working system	Continuous
Gear Material	PEEK and shaft 304/316L		

●The values in this table are for reference only.

》Remarks:

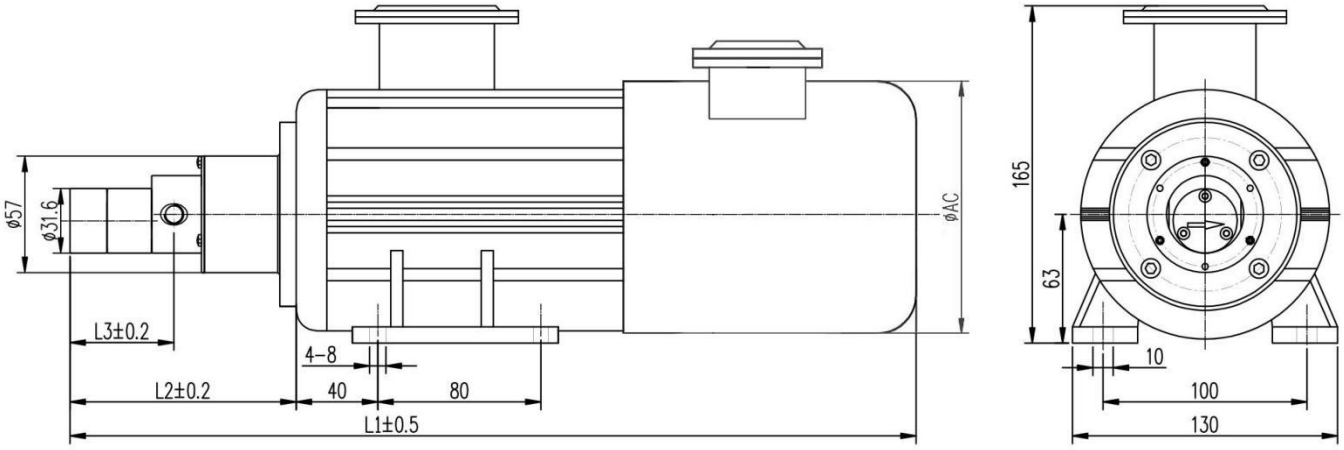
▲AC asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. It is easy to use and has low maintenance cost. The flow can be adjusted by the frequency converter. If used in flammable and explosive places, explosion-proof motor should be selected.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	L3 (mm)	The max pressure (bar) (test medium: water)		Weight (kg)	Imp.&Exp. Size	Flow (L/H)	
						2 Pole	4 Pole			2 Pole	4 Pole
M0.07S57	YP0.18 KW	63	346.4	91.4	31.2	2	1	5.49	G1/8	0～11.76	0～5.88
M0.15S57			348.7	93.7	33.5	4	2	5.49		0～25.2	0～12.6
M0.30S57			348.7	93.7	33.5	8	4	5.49		0～50.4	0～25.2
M0.60S57			352.9	97.9	37.7	8		5.50		0～100.8	0～50.4
M0.90S57			357.1	102.1	41.9			5.52		0～151.2	0～75.6
M1.50S57			365.9	110.9	50.9			5.55	G1/4	0～252	0～126

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.8MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-1500cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated Current	
Static sealing	PTFE	Protection Level	IP55
Pump Body material	304/316L	Working system	Continuous
Gear Material	PEEK and shaft 304/316L		

●The values in this table are for reference only.

》Remarks:

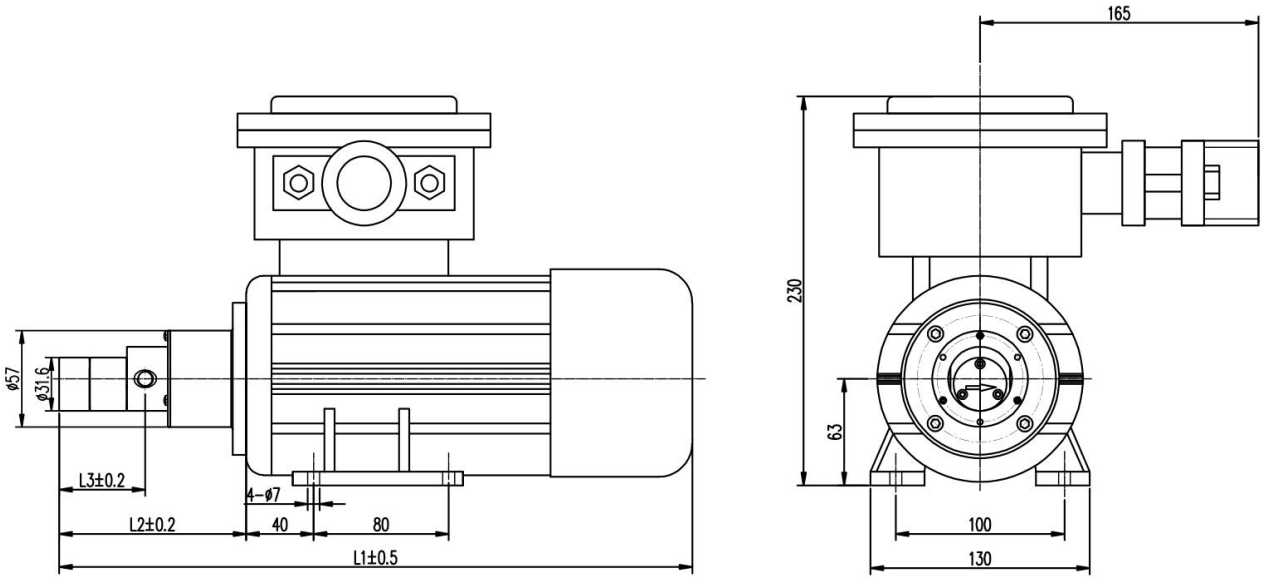
▲AC frequency asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. The structure and pressurization capability of the motor are specially designed to adapt to the high speed and higher harmonics. It is easy to use and has low maintenance cost. The flow can be adjusted. If used in flammable and explosive places, explosion-proof motor should be selected.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	L3 (mm)	The max pressure (bar) (test medium: water)		Weight (kg)	Imp.& Exp. Size	Flow (L/H)	
						2 Pole	4 Pole			2 Pole	4 Pole
M0.07S57	YB0.1 8KW	63	346.4	91.4	31.2	2	1	15.83	G1/8	5.04～11.76	2.52～5.88
M0.15S57			348.7	93.7	33.5	4	2	15.83		10.8～25.2	5.4～12.6
M0.30S57			348.7	93.7	33.5	8	4	15.83		21.6～50.4	10.8～25.2
M0.60S57			352.9	97.9	37.7	8		15.84		43.2～100.8	21.6～50.4
M0.90S57			357.1	102.1	41.9			15.86		64.8～151.2	32.4～75.6
M1.50S57			365.9	110.9	50.9			15.89	G1/4	108～252	54～126

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.8MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-1500cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated Current	0.6A
Static sealing	PTFE	Protection Level	IP55
Pump Body material	304/316L	Working system	Continuous
Gear Material	PEEK and shaft 304/316L	EX proof type	Flameproof

●The values in this table are for reference only.

》Remarks:

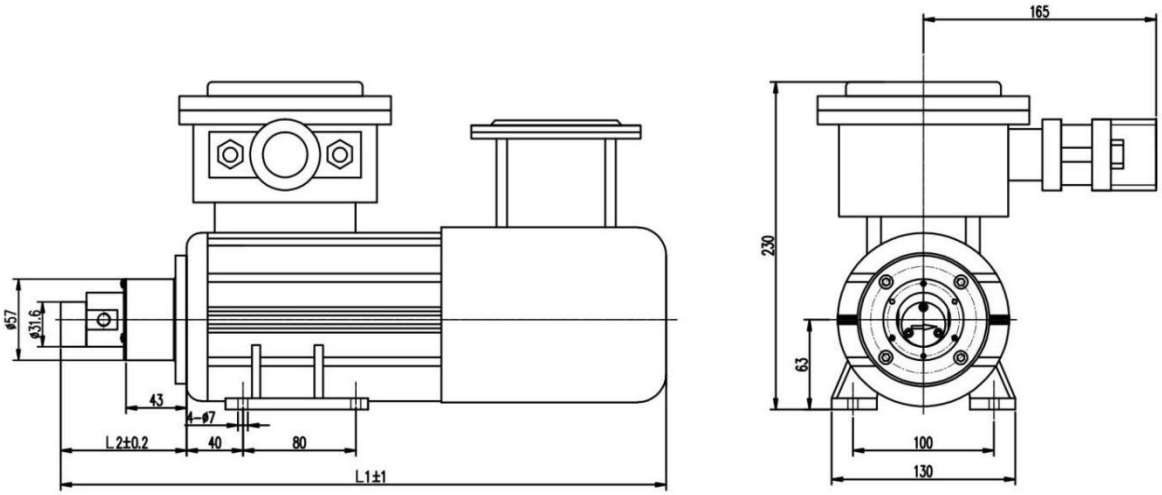
▲Explosion-proof AC asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. It is easy to use and has low maintenance cost. The flow can be adjusted by the frequency converter. It can be used in flammable and explosive situations。

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	The max pressure (bar) (test medium: water)		Weight (kg)	Imp.&Exp. Size	Flow (L/H)	
					2 Pole	4 Pole			2 Pole	4 Pole
M0.07S57	YBP0.18 KW	63	431.4	91.4	2	1	18.53	G1/8	0～11.76	0～5.88
M0.15S57			433.7	93.7	4	2	18.53		0～25.2	0～12.6
M0.30S57			433.7	93.7	8	4	18.53		0～50.4	0～25.2
M0.60S57			437.9	97.9	8		18.54		0～100.8	0～50.4
M0.90S57			442.1	102.1			18.56		0～151.2	0～75.6
M1.50S57			450.9	110.9			18.59	G1/4	0～252	0～126

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.8MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-1500cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated Current	
Static sealing	PTFE	Protection Level	IP55
Pump Body material	304/316L	Working system	Continuous
Gear Material	PEEK and shaft 304/316L	EX proof type	Flameproof

●The values in this table are for reference only.

》Remarks:

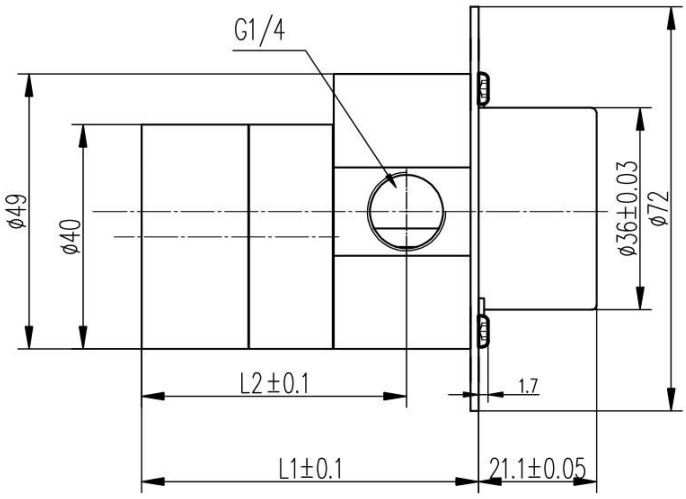
▲Explosion-proof AC frequency asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. The structure and pressurization capability of the motor are specially designed to adapt to the high speed and higher harmonics. It is easy to use and has low maintenance cost. The flow can be adjusted. It can be used in flammable and explosive situations。

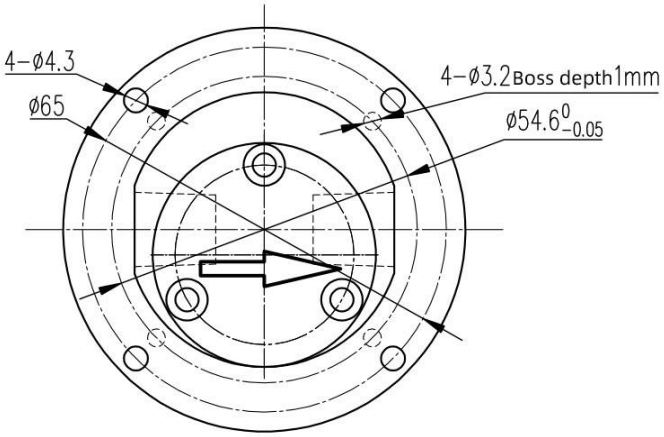
▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Head Diagram:





》Pump Head parameters:

Pump Model	L1 (mm)	L2 (mm)	Weight(kg)	Imp.&Exp. Size	Pump Body material	Gear Material	Flow (ml/rev)
M1.50S72	61	48	0.70	G1/4	316L	PEEK	1.5
M3.00S72	78	65	0.83	G3/8			3.0

●The values in this table are for reference only.

》Remarks:

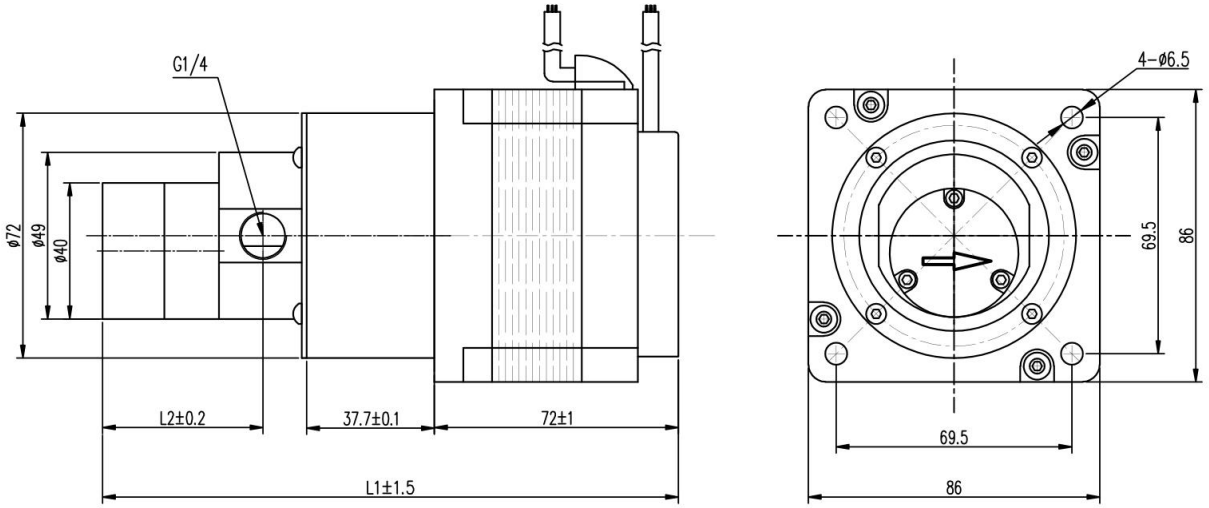
▲This pump head is made by 316L, gear materail and shaft sleeve are PEEK, seal material is PTFE, the rest others are 316L.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	Pressure (bar)	Weight(kg)	Rated Current (A)	Imp.&Exp. Size	Flow (L/H)
M1.50S72	BL170W	187.9	49.1	8	2.62	9.5	G1/4	27～405
M3.00S72		204.9	66.1	4	2.75		G3/8	54～810

Pump Head Parameter		Motor Parameter		Motor wiring			
Continuous work pressure	0.8MPa	Rated Power	24V	Red	+24V	Yellow (Thick)	R(U) Phase
Fluid Viscosity	0.2-3000cps	Revolution	500-4500rpm	Black	0	Green (Thick)	S(V) Phase
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Slot and Pole No.	12 Slot & 8 Pole	Yellow (Thin)	HALL A(U)	Blue (Thick)	T(W) Phase
Static sealing	PTFE	Hall mechanical angle	120°	Green (Thin)	HALL B(V)		
Pump Body material	316L	Working system	Continuous or intermittent operation (can be started frequently)	Blue (Thin)	HALL C(W)		
Gear Materiall	PEEK and shaft 316L						

●The values in this table are for reference only.

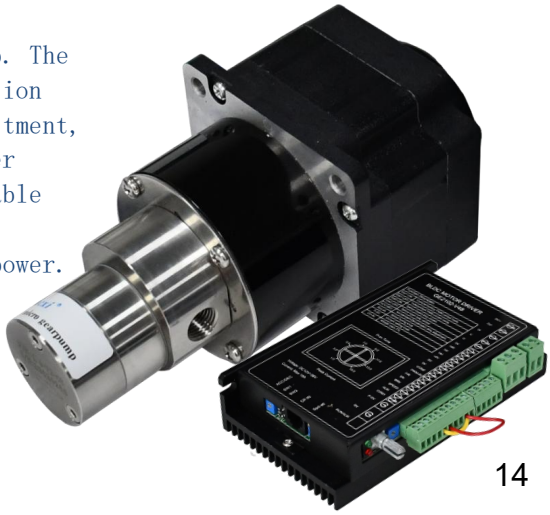
》Remarks:

▲The brushless DC motor is used as the power driving gear pump. The brushless motor driver is configured to realize the motor function control. It has the functions of speed measurement, speed adjustment, forward and reverse rotation. It can be connected with the upper computer to realize intelligent control. It is especially suitable for the workplace with frequent start and stop, such as liquid filling. Step motor or servo motor can be selected as driving power.

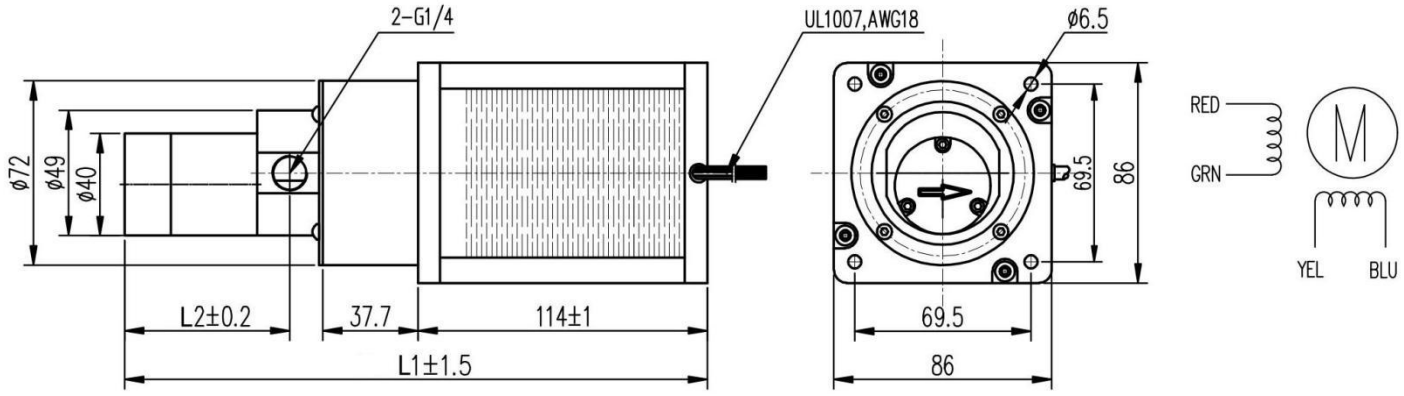
▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.



》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	Pressure (bar)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow Range (L/H)
M1.50S72	HS86	242.7	48	6	4.9	0-500r/min	G1/4	0～45
M3.00S72		229.8	65		5		G3/8	0～90

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.6MPa	Holding torque	8Nm
Fluid Viscosity	0.2-3000cps	Coil resistance	1.5Ω
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Basic step angle	1.8°
Static sealing	PTFE	Rotational inertia	3200
Pump Body material	316L		
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

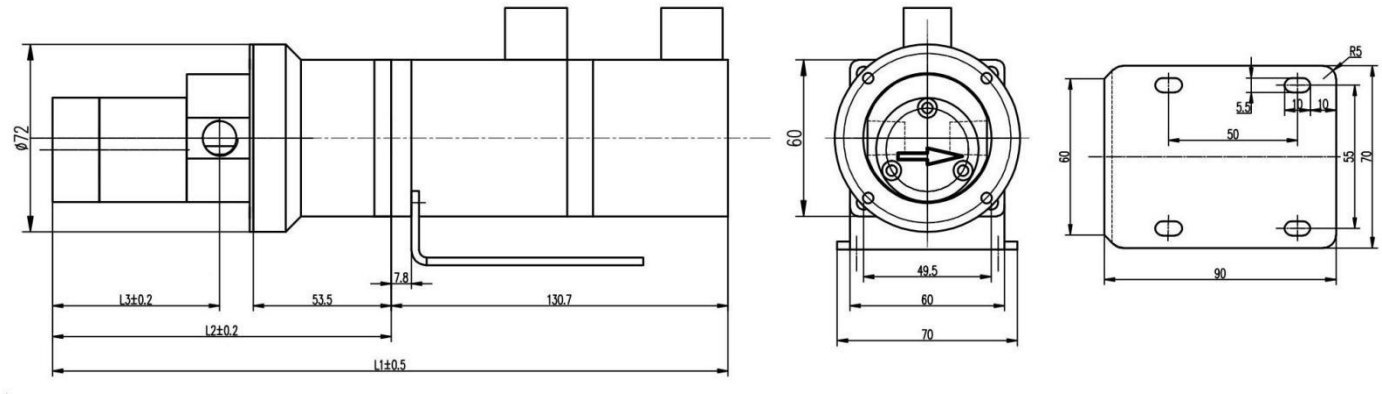
▲Stepping motor is used to drive this gear pump. It can realize the open-loop control, No need to wait the feedback signal, then the angle and speed control of the stepper motor can be realized by the number and frequency of the input pulses of the driver signal input. It is suitable for short distance, high precision and frequent operation.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	L3 (mm)	Pressure (bar)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow (L/H)
M1.50S72	SM400W	245.2	114.5	47.9	6	2.70	2.6	G1/4	0～270
M3.00S72		262.2	131.5	64.9		2.83		G3/8	0～540

Pump Head Parameter		Motor Parameter	
Fluid Viscosity	0.2-3000cps	Rated Power	220V
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated torque	1.27Nm
Static sealing	PTFE	Rated Power	400W
Pump Body material	316L		
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

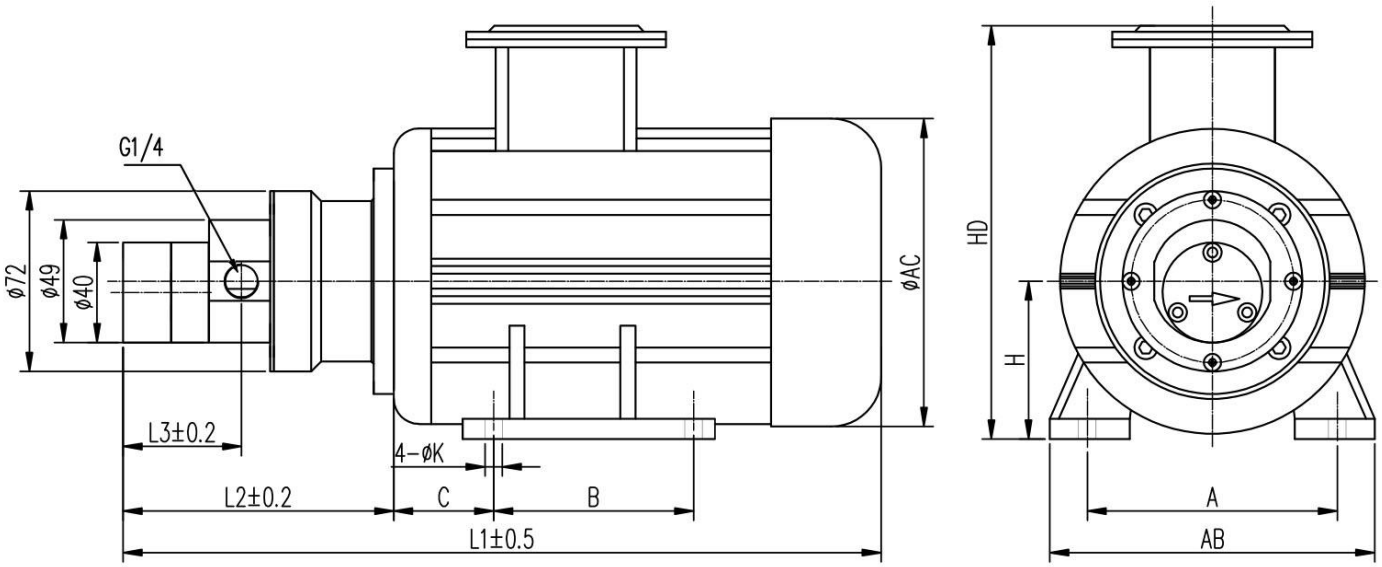
▲The gear pump is driven by servo motor. The closed-loop control of position, speed and torque is realized to improve the quantitative accuracy of gear pump. Good high-speed performance and stable low-speed operation can improve the gear pump's larger flow regulation range. It can withstand three times of the rated load. It is especially suitable for occasions with instantaneous load fluctuation and quick start-up. Low noise, low heat.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1	L2	L3	A	AB	H	HD	B	C	K	AC	Weight (kg)	Imp.&Ex p. Size	Flow (L/H)	
																2 Pole	4 Pole
M1.50S72	Y0.18 KW	63	316	111	49	100	130	63	165	80	40	7	130	5.87	G1/4	108～252	54～126
M3.00S72	Y0.37 KW	71	359	134	66	112	140	71	240	90	45	7	145	7.75	G3/8	216～504	108～252

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.8MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-3000cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Protection Level	IP55
Static sealing	PTFE	Working system	Continuous
Pump Body material	316L		
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

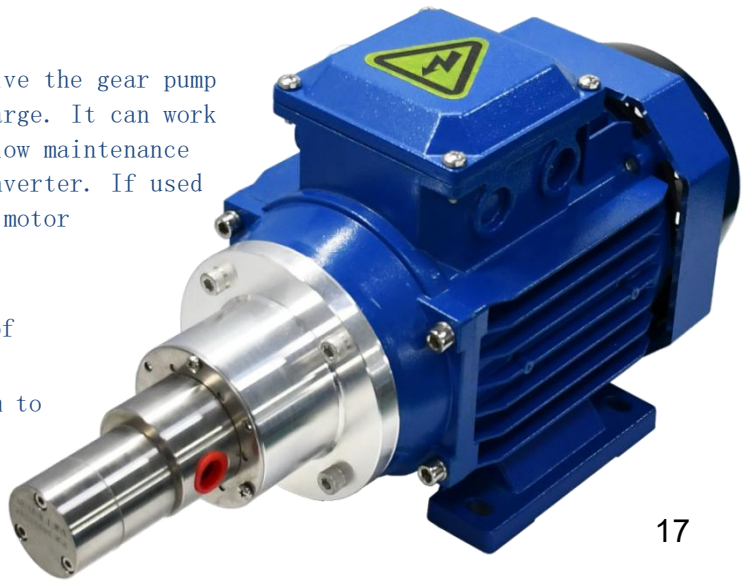
》Remarks:

▲AC asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. It is easy to use and has low maintenance cost. The flow can be adjusted by the frequency converter. If used in flammable and explosive places, explosion-proof motor should be selected.

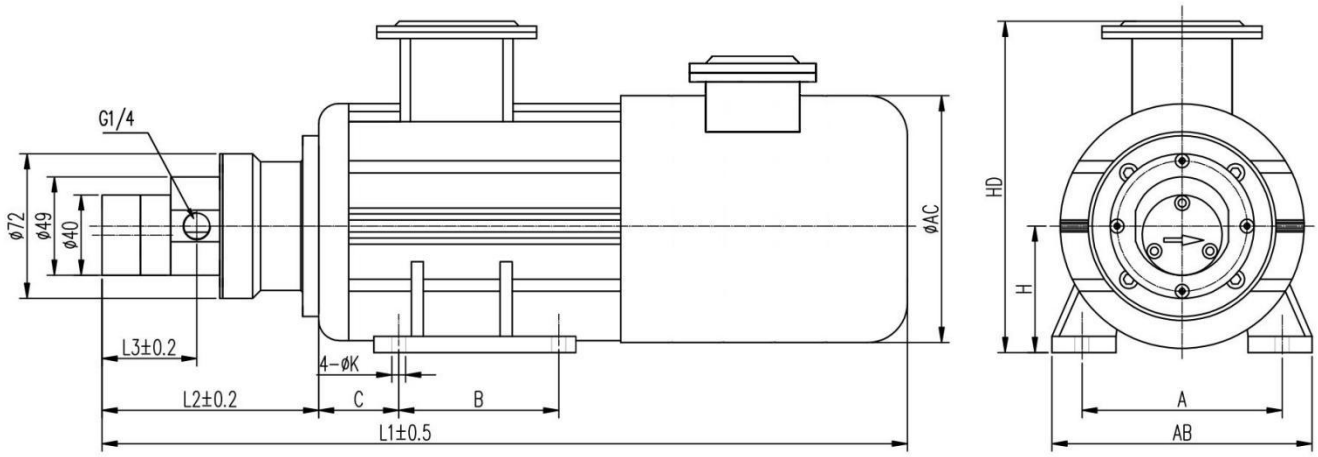
▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.



》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1	L2	L3	A	AB	H	HD	B	C	K	AC	Weight (kg)	Imp.&Exp. Size	Flow (L/H)	
																2 Pole	4 Pole
M1.50S 72	YP0.18 KW	63	366	111	49	100	130	63	165	80	40	7	130	5.92	G1/4	0～252	0～126
M3.00S 72	YP0.37 KW	71	409	134	66	112	140	71	240	90	45	7	145	8.15	G3/8	0～504	0～252

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.8MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-3000cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Protection Level	IP55
Static sealing	PTFE	Working system	Continuous
Pump Body material	316L		
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

▲AC frequency asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. The structure and pressurization capability of the motor are specially designed to adapt to the high speed and higher harmonics. It is easy to use and has low maintenance cost. The flow can be adjusted. If used in flammable and explosive places, explosion-proof motor should be selected.

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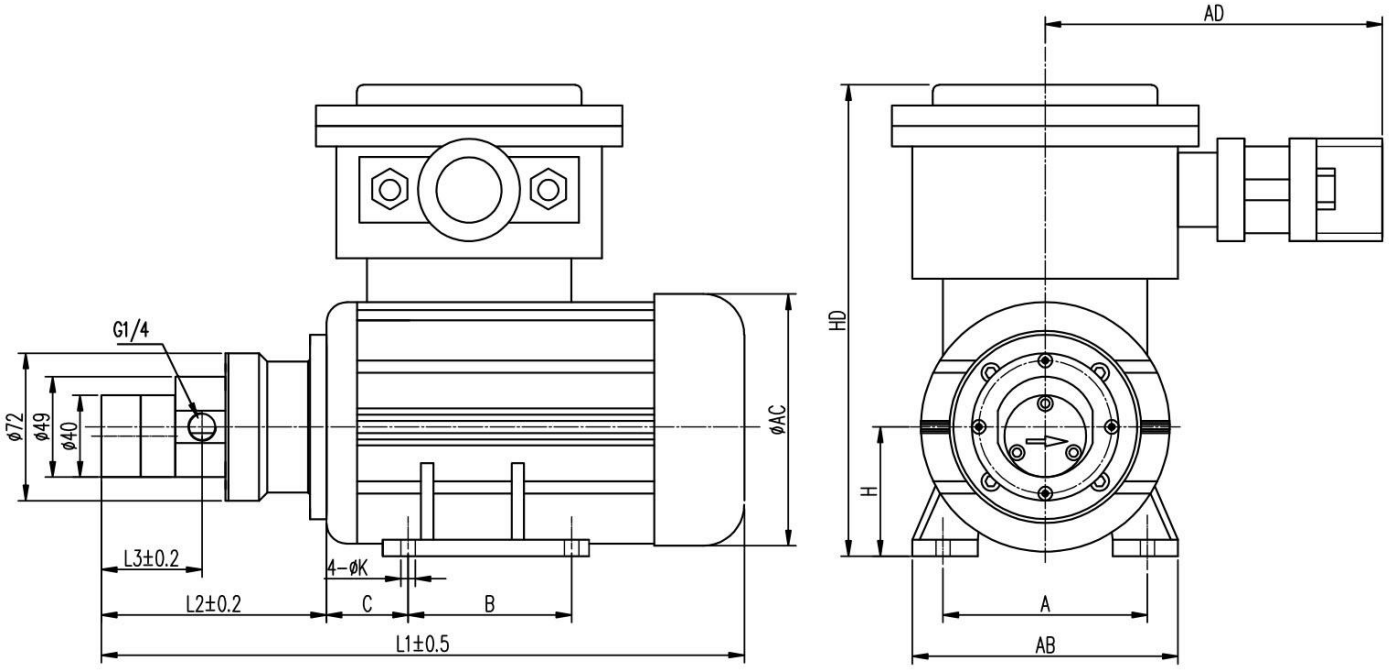
1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1	L2	L3	A	AB	H	HD	AD	B	C	K	AC	Weigh t(kg)	Imp.& Exp. Size	Flow (L/H)	
																	2 Pole	4 Pole
M1.50S72	YB0.18 KW	63	366	111	49	100	130	63	230	165	80	40	7	130	16.34	G1/4	108～252	54～126
M3.00S72	YB0.37 KW	71	401	143	66	112	140	71	250	165	90	43	7	145	18.27	G3/8	216～504	108～252

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.8MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-3000cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Protection Level	IP55
Static sealing	PTFE	Working system	Continuous
Pump Body material	316L	EX proof type	Flameproof
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

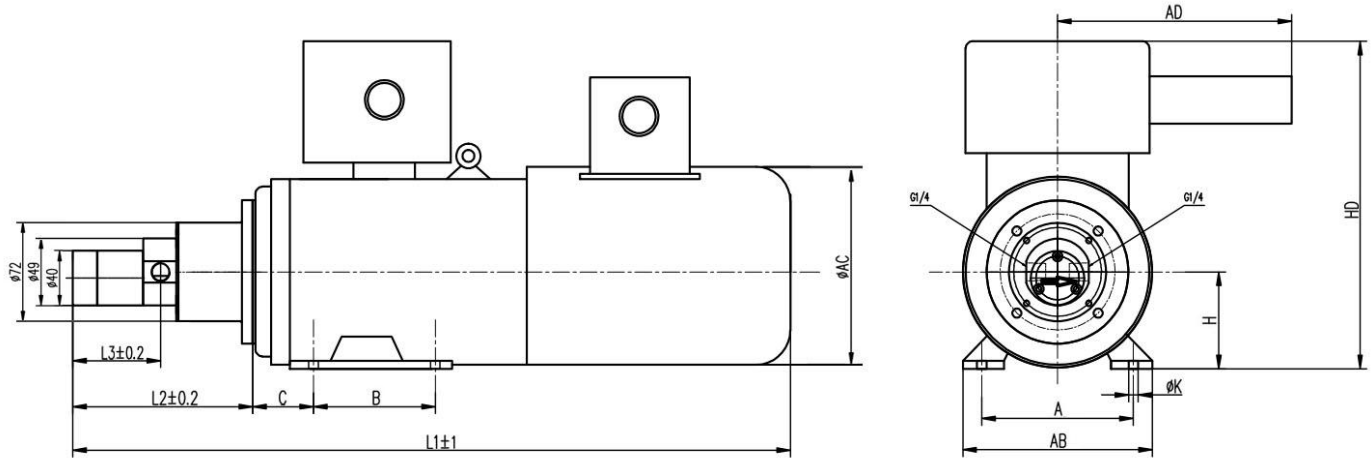
▲Explosion-proof AC asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. It is easy to use and has low maintenance cost. The flow can be adjusted by the frequency converter. It can be used in flammable and explosive situations。

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1	L2	L3	A	AB	H	HD	AD	B	C	K	AC	Weight (kg)	Imp.& Exp. Size	Flow (L/H)	
																	2 Pole	4 Pole
M1.50S72	YBP0.18KW	63	451	111	49	100	130	63	230	165	80	40	7	130	19.14	G1/4	0～252	0～126
M3.00S72	YBP0.37KW	71	479	134	66	112	140	71	240	173	90	45	7	145	21.20	G3/8	0～504	0～252

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.8MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-3000cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Protection Level	IP55
Static sealing	PTFE	Working system	Continuous
Pump Body material	316L	EX proof type	Flameproof
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

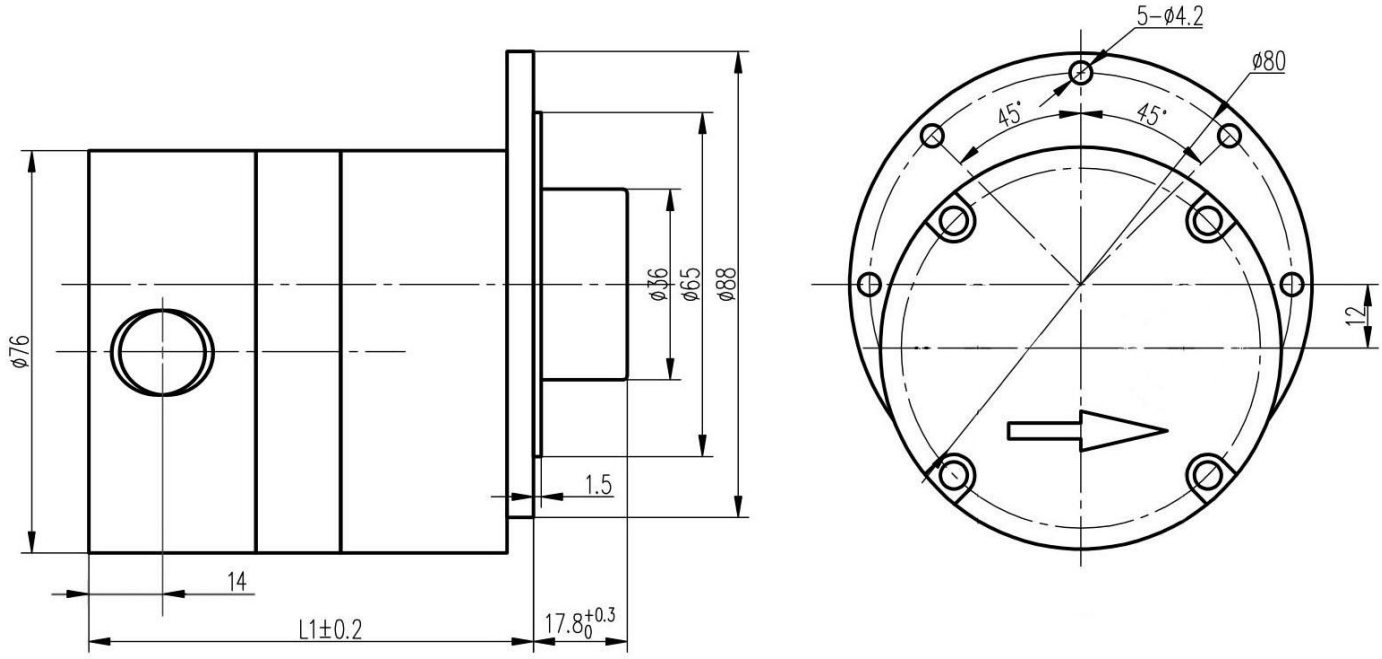
▲Explosion-proof AC frequency asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. The structure and pressurization capability of the motor are specially designed to adapt to the high speed and higher harmonics. It is easy to use and has low maintenance cost. The flow can be adjusted. It can be used in flammable and explosive situations.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

⟫ Pump Head Diagram:



⟫ Pump Head parameters:

Pump Model	L1 (mm)	Weight(kg)	Imp.&Exp. Size	Pump Body material	Gear Material	Flow (ml/rev)
M3.00S88	76.5	2.24	G1/2	316L	PEEK	3.0
M6.00S88	84.5	2.40				6.0
M12.00S88	100.5	2.72	G3/4			12.0

●The values in this table are for reference only.

⟫ Remarks:

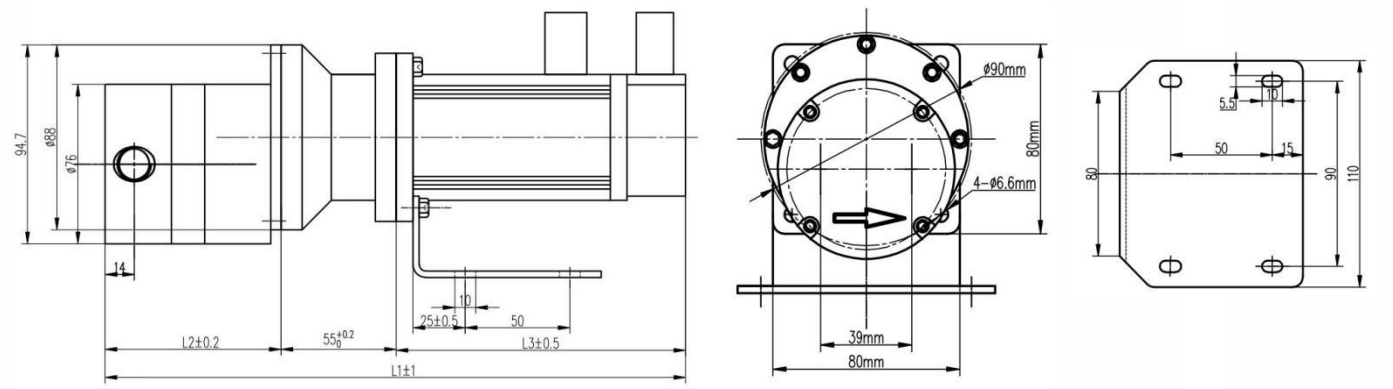
▲This pump head is made by 316L, gear materail and shaft sleeve are PEEK, seal material is PTFE, the rest others are 316L.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	L1 (mm)	L2 (mm)	L3 (mm)	Pressure (bar)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow (L/H)
M3.00S88	SM	243.5	76.5	112	12	6.09	3.6	G1/2	0～540
M6.00S88		251.5	84.5	112		6.25			0～1080
M12.00S88		271.5	104.5	112	6	6.57		G3/4	0～2160

Pump Head Parameter		Motor Parameter	
Fluid Viscosity	0.2-5000cps	Rated Power	220V
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated torque	2.4Nm
Static sealing	PTFE	Rated Power	750W
Pump Body material	316L		
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

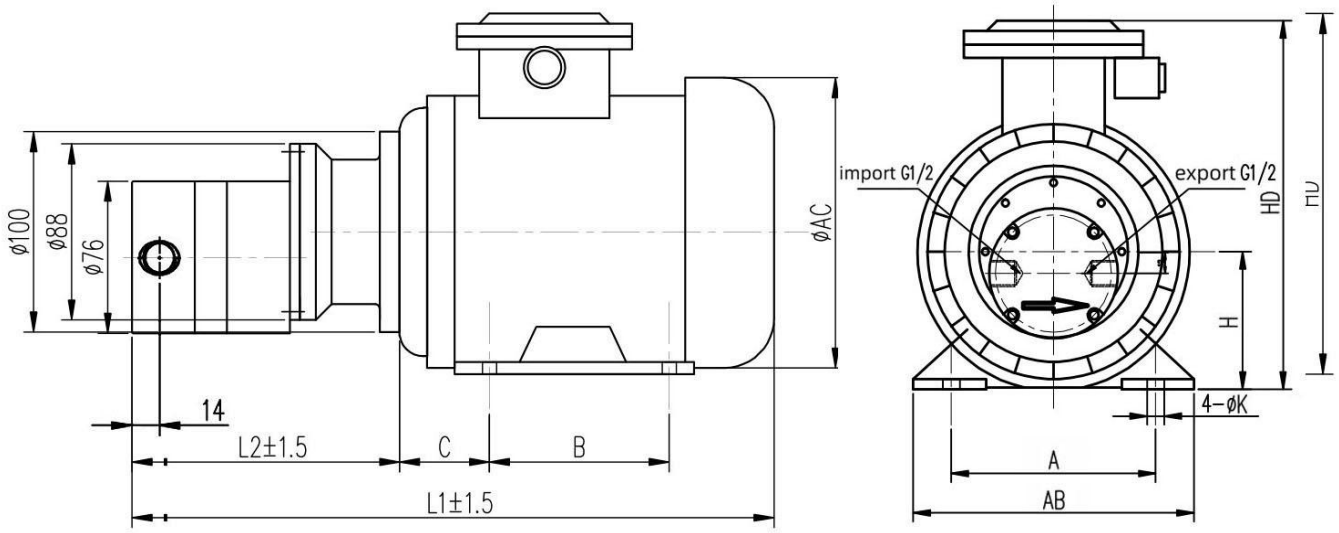
▲The gear pump is driven by servo motor. The closed-loop control of position, speed and torque is realized to improve the quantitative accuracy of gear pump. Good high-speed performance and stable low-speed operation can improve the gear pump's larger flow regulation range. It can withstand three times of the rated load. It is especially suitable for occasions with instantaneous load fluctuation and quick start-up. Low noise, low heat.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	A	AB	H	HD	B	C	K	AC	Weight (kg)	Imp.&Exp. Size	Flow (L/H)	
															2 Pole	4 Pole
M3.00 S88	Y0.37 KW	71	352.5	127.5	112	140	71	194	90	45	7	150	9.39	G1/2	216～504	180～252
M6.00 S88	Y0.55 KW		360.5	135.5									10.11		432～1008	
		80	401.5	145.5	125	165	80	214	100	50	10	170	12.24			216～504
M12.00S88	Y0.75 KW		417.5	161.5									13.67	G3/4-G1/2	864～2016	432～1008

Pump Head Parameter		Motor Parameter	
Continuous work pressure	1.0MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-5000cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Protection Level	IP55
Static sealing	PTFE	Working system	Continuous
Pump Body material	316L		
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

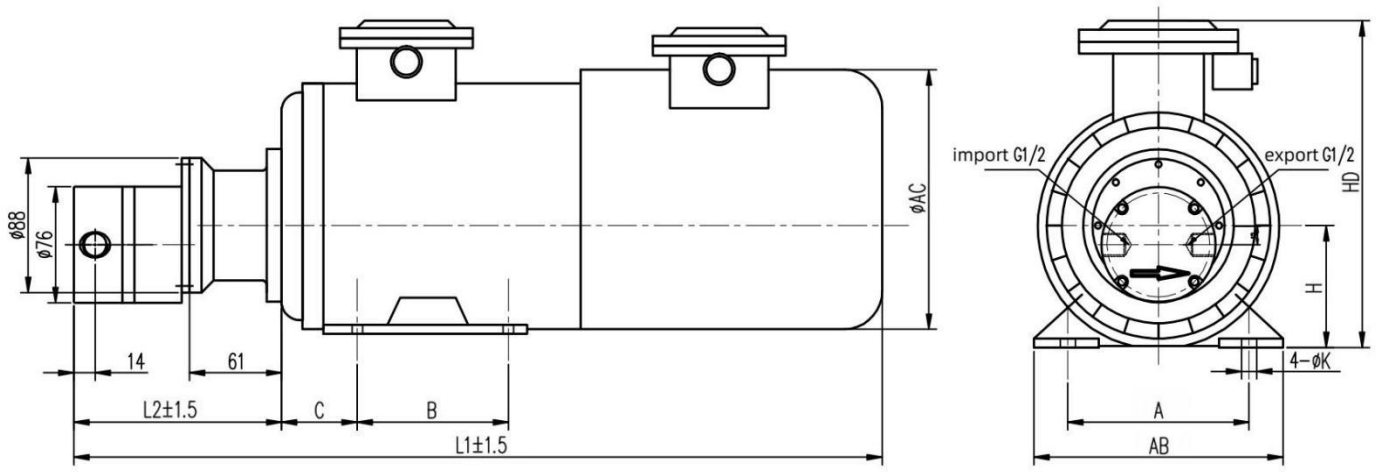
▲AC asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. It is easy to use and has low maintenance cost. The flow can be adjusted by the frequency converter. If used in flammable and explosive places, explosion-proof motor should be selected.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	A	AB	H	HD	B	C	K	AC	Weight (kg)	Imp.&Exp. Size	Flow (L/H)	
															2 Pole	4 Pole
M3.00 S88	YP0.37 KW	71	402.5	127.5	112	140	71	250	165	90	45	7	10.12	G1/2	0～504	0～252
M6.00 S88	YP0.55 KW		410.5	135.5									11.92		0～1008	
		80	543	145.5	125	165	80	214	100	50	10	170	13.92			0～504
M12.00S88	YP0.75 KW		559	161.5									19.63	G3/4-G1/2	0～2016	0～1008

Pump Head Parameter		Motor Parameter	
Continuous work pressure	1.0MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-5000cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Protection Level	IP55
Static sealing	PTFE	Working system	Continuous
Pump Body material	316L		
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

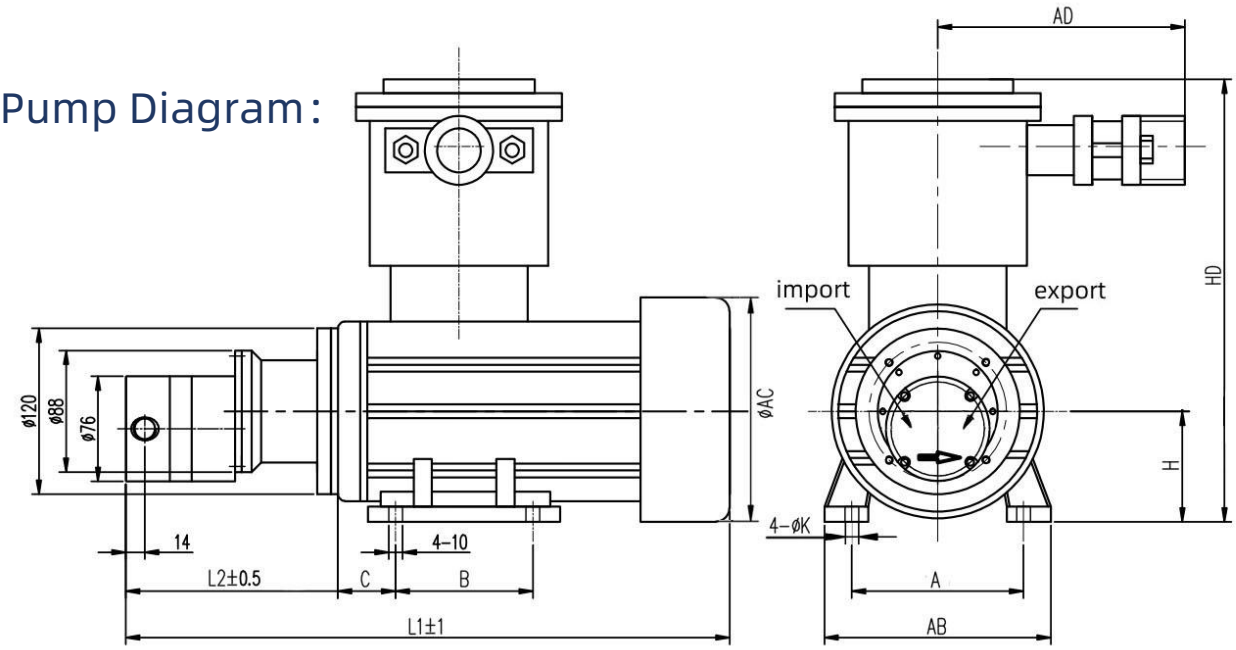
▲AC frequency asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. The structure and pressurization capability of the motor are specially designed to adapt to the high speed and higher harmonics. It is easy to use and has low maintenance cost. The flow can be adjusted. If used in flammable and explosive places, explosion-proof motor should be selected.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	A	AB	H	HD	AD	B	C	K	AC	Weight (kg)	Imp.& Exp. Size	Flow Range (L/H)	
																2 Pole	4 Pole
M3.00 S88	YB0.37 KW	71	384.5	127.5	112	140	71	250	165	90	45	7	150	19.68	G1/2	216～504	180～252
M6.00 S88	YB0.55 KW		392.5	135.5										20.92		432～1008	
		80	440.5	145.5	125	165	80	320	180	100	50	10	170	22.92			216～504
M12.00S88	YB0.75 KW		456.5	161.5										26.23	G3/4-G1/2	864～2016	432～1008

Pump Head Parameter		Motor Parameter	
Continuous work pressure	1.0MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-5000cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Protection Level	IP55
Static sealing	PTFE	Working system	Continuous
Pump Body material	316L	EX proof type	Flameproof
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

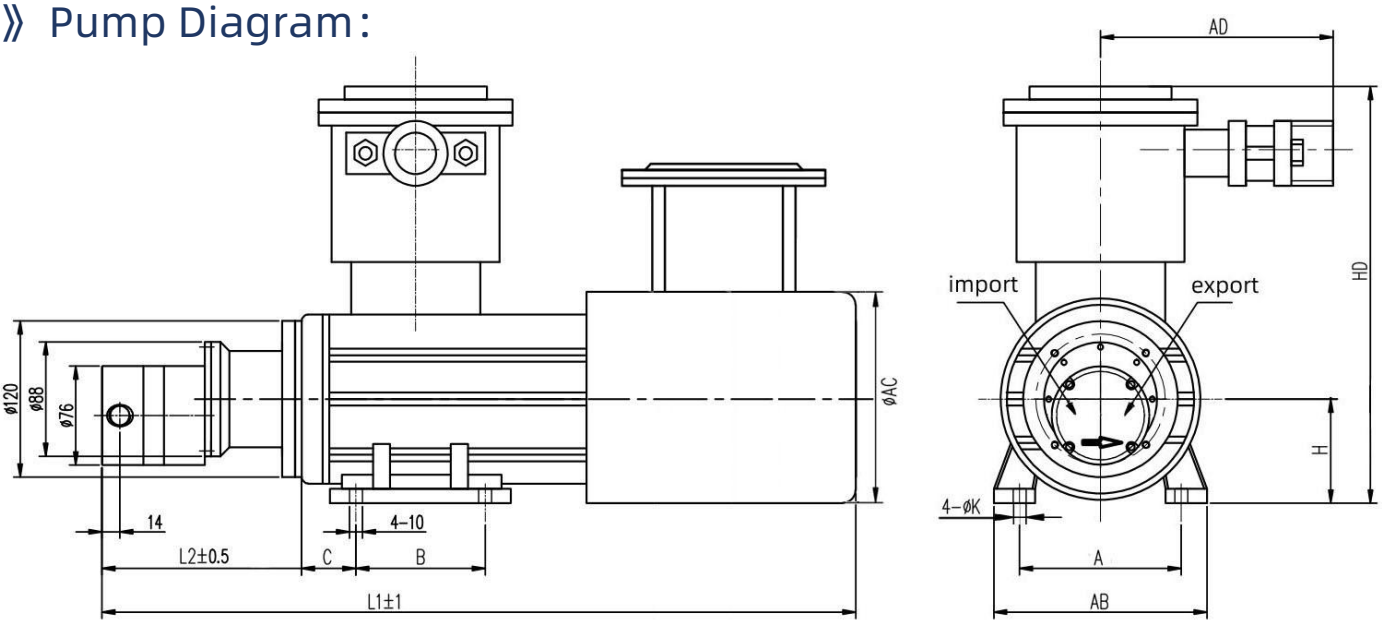
▲Explosion-proof AC asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. It is easy to use and has low maintenance cost. The flow can be adjusted by the frequency converter. It can be used in flammable and explosive situations。

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	A	AB	H	HD	AD	B	C	K	AC	Weight (kg)	Imp.& Exp. Size	Flow Range (L/H)	
																2 Pole	4 Pole
M3.00 S88	YBP0.37KW	71	472.5	127.5	112	140	71	250	165	90	45	7	150	23.68	G1/2	0～504	0～252
M6.00 S88	YBP0.55KW		480.5	135.5										24.92		0～1008	
		80	625.5	145.5	125	165	80	320	180	100	50	10	170	26.92			0～504
M12.00S88	YBP0.75KW		641.5	161.5										30.23	G3/4-G1/2	0～2016	0～1008

Pump Head Parameter		Motor Parameter	
Continuous work pressure	1.0MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-5000cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Protection Level	IP55
Static sealing	PTFE	Working system	Continuous
Pump Body material	316L	EX proof type	Flameproof
Gear Material	Gear PEEK, gear shaft 316L		

●The values in this table are for reference only.

》Remarks:

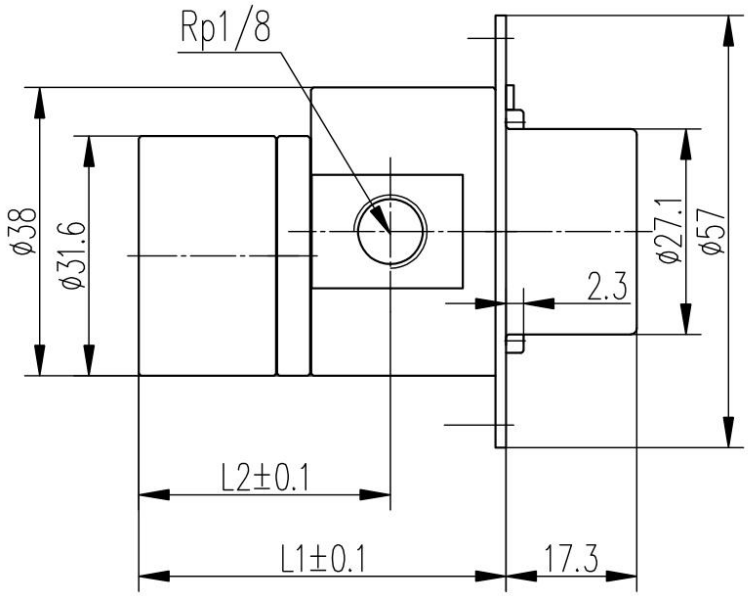
▲Explosion-proof AC frequency asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. The structure and pressurization capability of the motor are specially designed to adapt to the high speed and higher harmonics. It is easy to use and has low maintenance cost. The flow can be adjusted. It can be used in flammable and explosive situations。

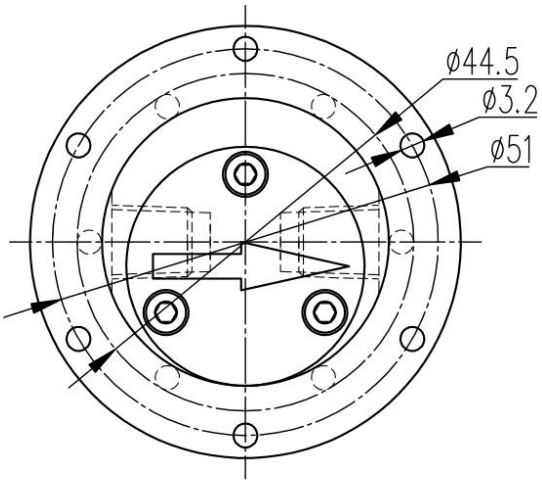
▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

⟫ Pump Head Diagram:





⟫ Pump Head parameters:

Pump Model	L1 (mm)	L2 (mm)	Weight(kg)	Imp.&Exp. Size	Pump Body material	Gear Material	Flow (ml/rev)
M0.15T57	48.8	33.5	0.34	G1/8	Stainless steel with Titanium nitride coating	WC	0.15
M0.30T57	48.8	33.5	0.34				0.3
M0.60T57	53.0	37.7	0.35				0.6

●The values in this table are for reference only.

⟫ Remarks:

▲The gear of the gear pump is made of tungsten steel, and the surface of the pump body is hardened by tin coating, so that the pump can provide excellent pumping performance and longer service life in the application of abrasive liquid (such as pigment paint and pigment ink).

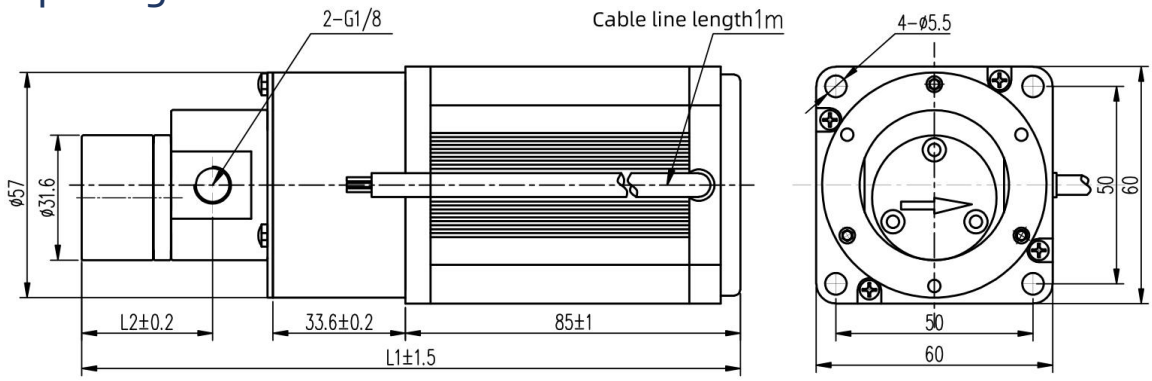
▲Can be equipped with stepper motor, DC brushless motor, brush motor, ordinary asynchronous motor, explosion-proof asynchronous motor, etc., please contact us for detailed size.

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



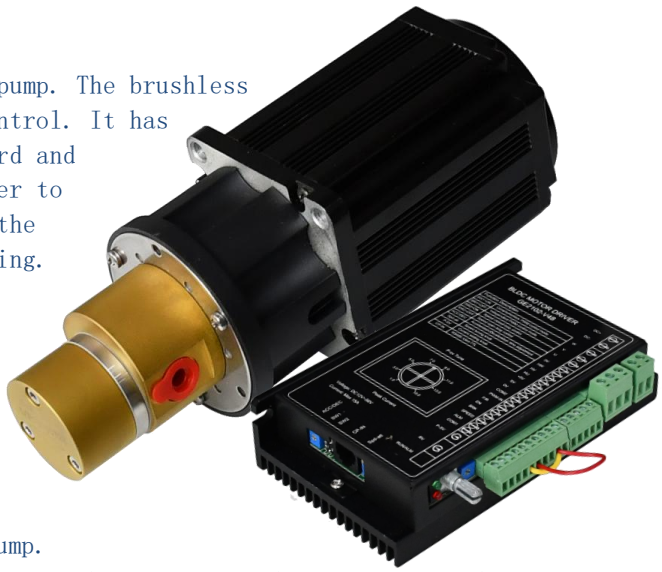
》Pump parameters:

Pump Model	MotorType	L1 (mm)	L2 (mm)	Pressure (bar)	Weight (kg)	Rated Current (A)	Imp.&Exp. Size	Flow Range (L/H)
M0.15T57	BL120W	167.1	32.8	6	1.54	6.7	G1/8	2.7～40.5
M0.30T57		167.1	32.8		1.54			5.4～81
M0.60T57		171.2	36.9		1.55			10.8～162

Pump head parameter		Motor parameter		Motor wiring			
Continuous work pressure	0.6MPa	Rated voltage	24V	Red	+24V	Yellow (Thick)	R(U) Phase
Fluid Viscosity	0.2-1500cps	Rev. range	500-4500rpm	Black	0	Green (Thick)	S(V) Phase
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Slot and Pole No.	6 Slot & 4 Pole	Yellow (Thin)	HALL A(U)	Blue (Thick)	T(W) Phase
Static sealing	PTFE	Hall mechanical angle	60°	Green (Thin)	HALL B(V)		
Pump Body material	SS with Titanium nitride coating	Working System	Continuous or intermittent operation (can be started frequently)	Blue (Thin)	HALL C(W)		
Gear Material	Gear and gear shaft are made of tungsten steel						

●The values in this table are for reference only.

》Remarks:



▲The brushless DC motor is used as the power driving gear pump. The brushless motor driver is configured to realize the motor function control. It has the functions of speed measurement, speed adjustment, forward and reverse rotation. It can be connected with the upper computer to realize intelligent control. It is especially suitable for the workplace with frequent start and stop, such as liquid filling. Step motor or servo motor can be selected as driving power.

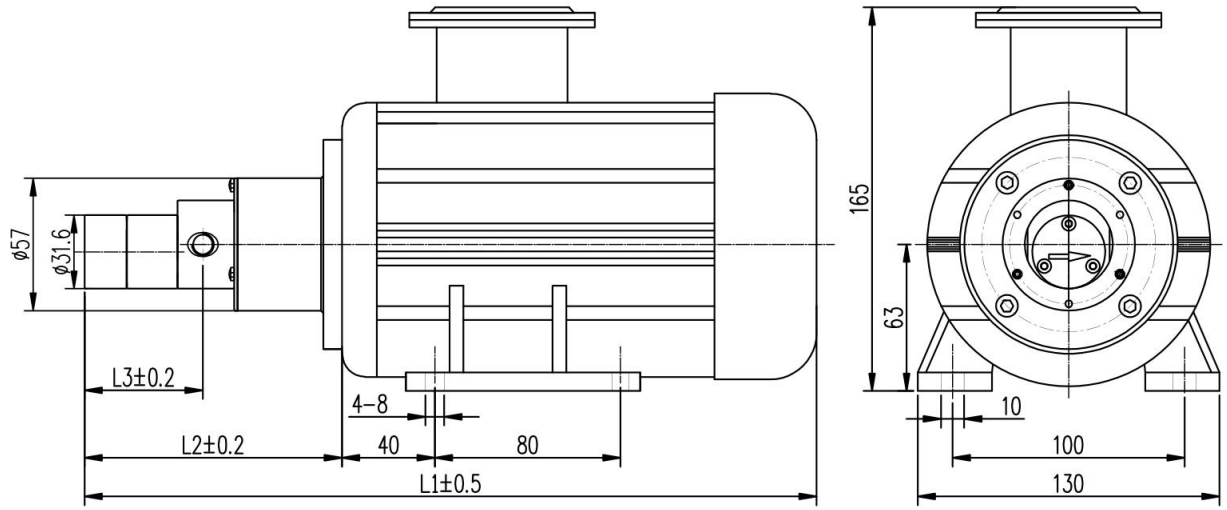
▲The gear of the gear pump is made of tungsten steel, and the surface of the pump body is hardened by tin coating, so that the pump can provide excellent pumping performance and longer service life in the application of abrasive liquid (such as pigment paint and pigment ink).

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



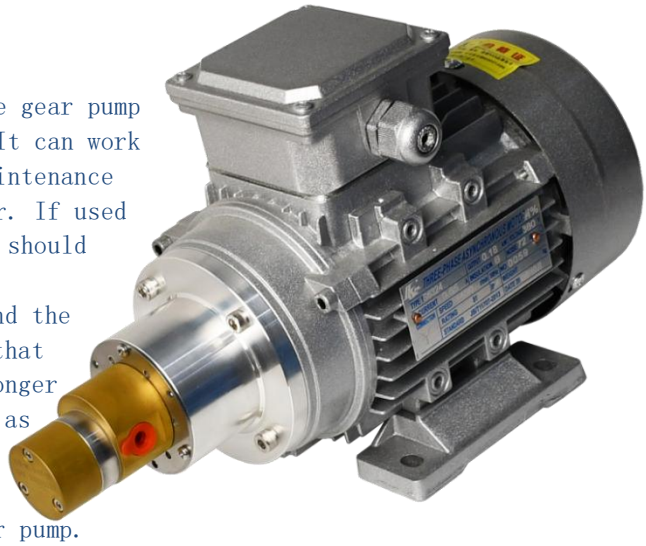
》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	L3 (mm)	Pressure (bar)	Weight (kg)	Imp.&Exp. Size	Flow (L/H)	
									2 Pole	4 Pole
M0.15T57	Y0.18KW	63	298.2	93.7	33.5	8	5.07	G1/8	10.8～25.2	5.4～12.6
M0.30T57			298.2	93.7	33.5		5.07		21.6～50.4	10.8～25.2
M0.60T57			302.4	97.9	37.7		5.08		43.2～100.8	21.6～50.4

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.6MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-1500cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated Current	0.6A
Static sealing	PTFE	Protection Level	IP55
Pump Body material	Stainless steel with Titanium nitride coating	Working system	Continuous
Gear Material	Gear and gear shaft are made of tungsten steel		

●The values in this table are for reference only.

》Remarks:



▲AC asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. It is easy to use and has low maintenance cost. The flow can be adjusted by the frequency converter. If used in flammable and explosive places, explosion-proof motor should be selected.

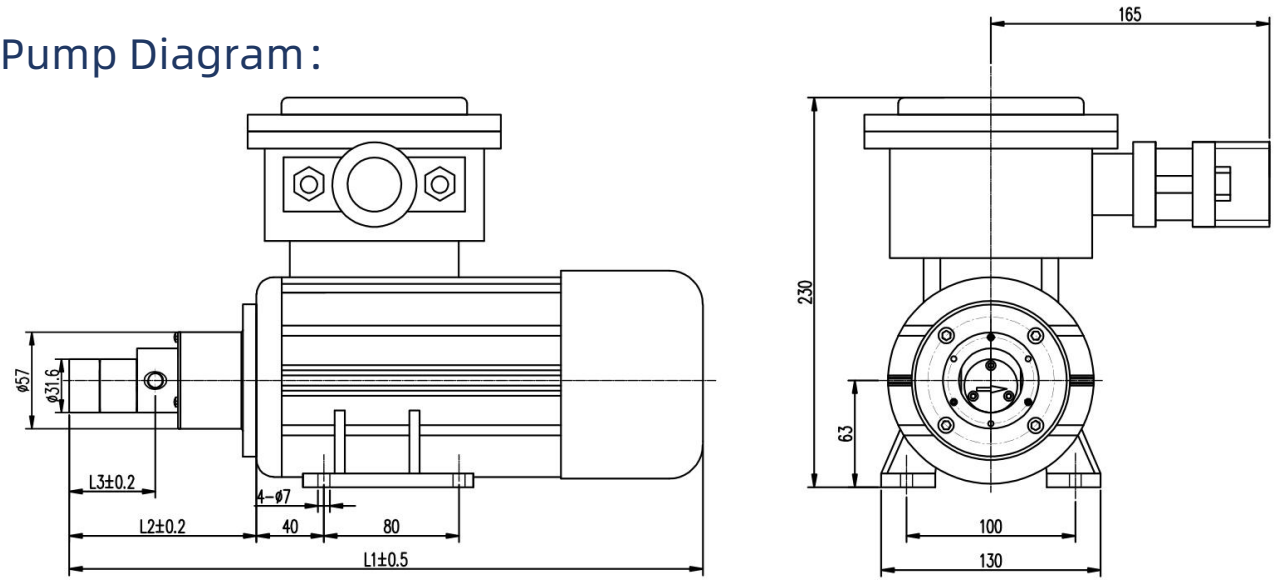
▲The gear of the gear pump is made of tungsten steel, and the surface of the pump body is hardened by tin coating, so that the pump can provide excellent pumping performance and longer service life in the application of abrasive liquid (such as pigment paint and pigment ink).

▲ Attentions

1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

》Pump Diagram:



》Pump parameters:

Pump Model	Motor Type	Motor Base	L1 (mm)	L2 (mm)	L3 (mm)	Pressure (bar)	Weight (kg)	Imp.&Exp. Size	Flow (L/H)	
									2 Pole	4 Pole
MO.15T57	YBO.18KW	63	338.2	93.7	33.5	8	14.79	G1/8	10.8～25.2	5.4～12.6
MO.30T57			338.2	93.7	33.5		14.79		21.6～50.4	10.8～25.2
MO.60T57			342.4	97.9	37.7		14.80		43.2～100.8	21.6～50.4

Pump Head Parameter		Motor Parameter	
Continuous work pressure	0.6MPa	Rated Power	Three-Phase 380V/220V
Fluid Viscosity	0.2-1500cps	Rated frequency	50HZ
Ambient Temperature	-40℃-110℃(If the temperature of the conveying medium is over 70 ° C, please make a special request.)	Rated Current	0.6A
Static sealing	PTFE	Protection Level	IP55
Pump Body material	Stainless steel with Titanium nitride coating	Working system	Continuous
Gear Material	Gear and gear shaft are made of tungsten steel	EX proof type	Flameproof

●The values in this table are for reference only.

》Remarks:

▲Explosion-proof AC asynchronous motor is used as the power to drive the gear pump to work. The speed is constant and the torque is large. It can work stably for a long time. It is easy to use and has low maintenance cost. The flow can be adjusted by the frequency converter. It can be used in flammable and explosive situations。

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▲ Attentions

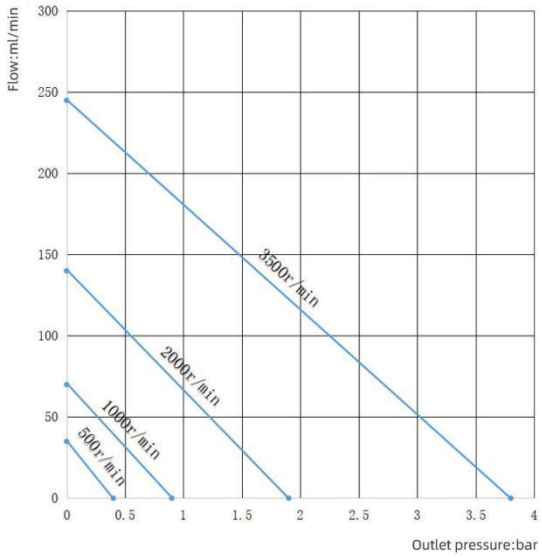
1.400 Mesh filter shall be installed at the inlet of gear pump.

2.Before using, squeeze in a small amount of medium to lubricate the gear from the gear pump inlet.

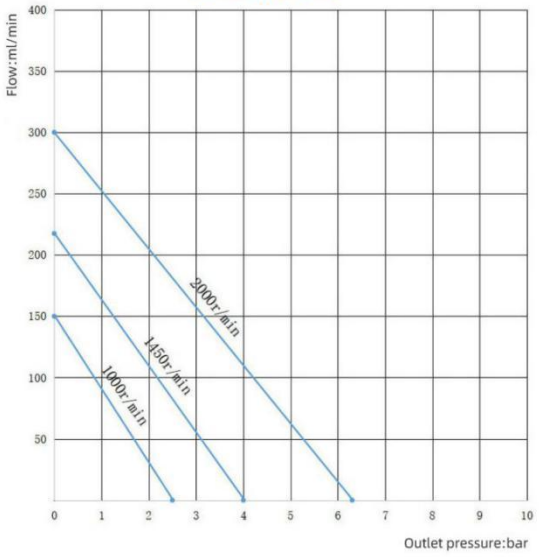
》Product characteristics:

Test medium: Water

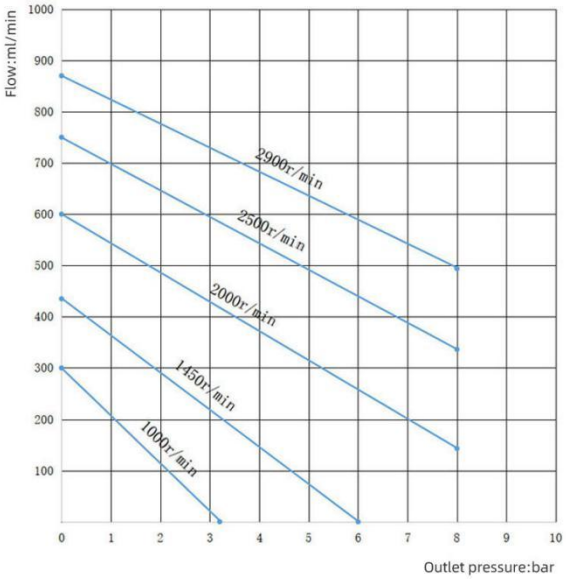
【0.07ml/rev】



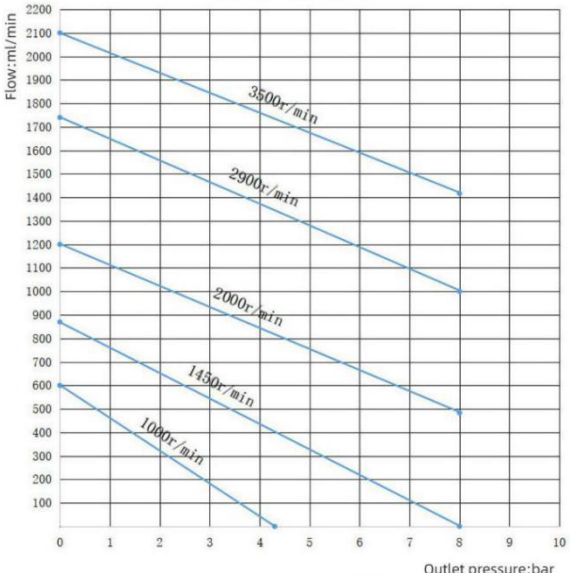
【0.15ml/rev】



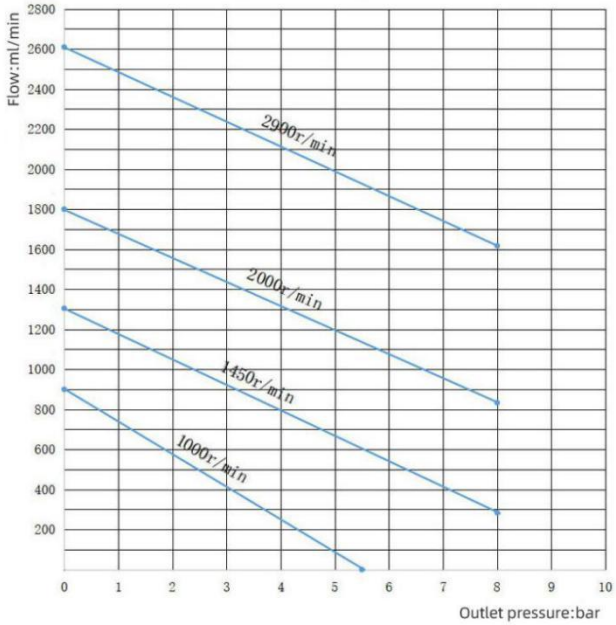
【0.30ml/rev】



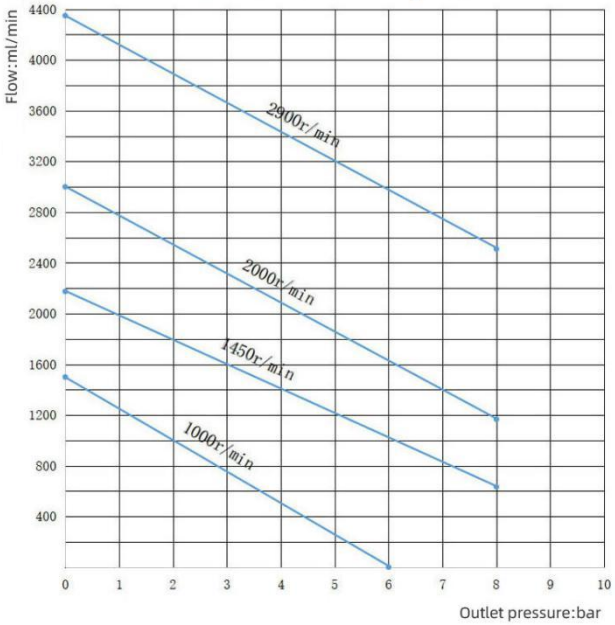
【0.60ml/rev】



【0.90ml/rev】



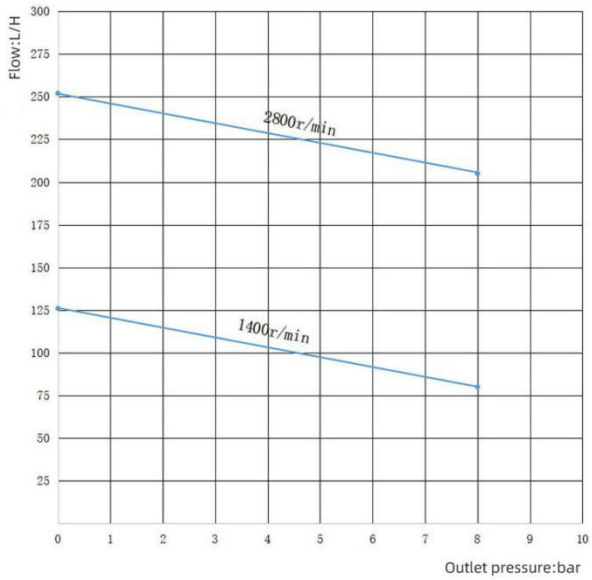
【1.50ml/rev-57Spec】



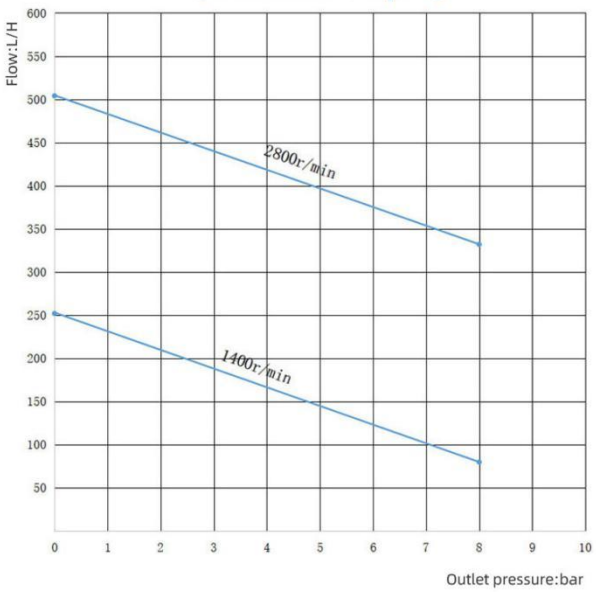
》Product characteristics:

Test medium: Water

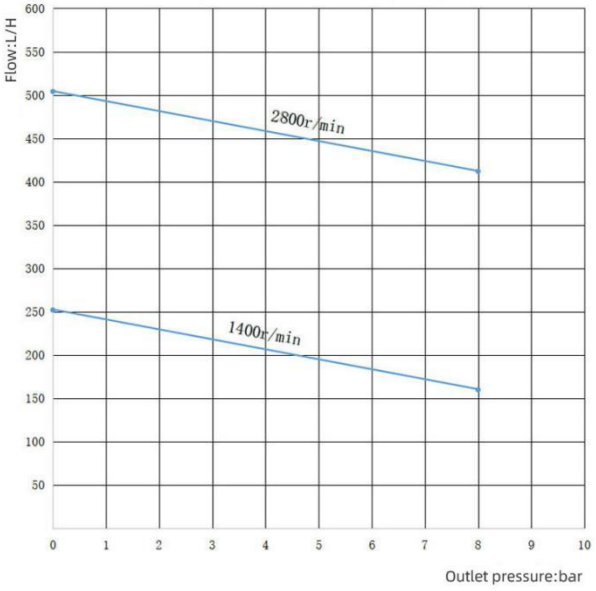
【1.50ml/rev-72Spec】



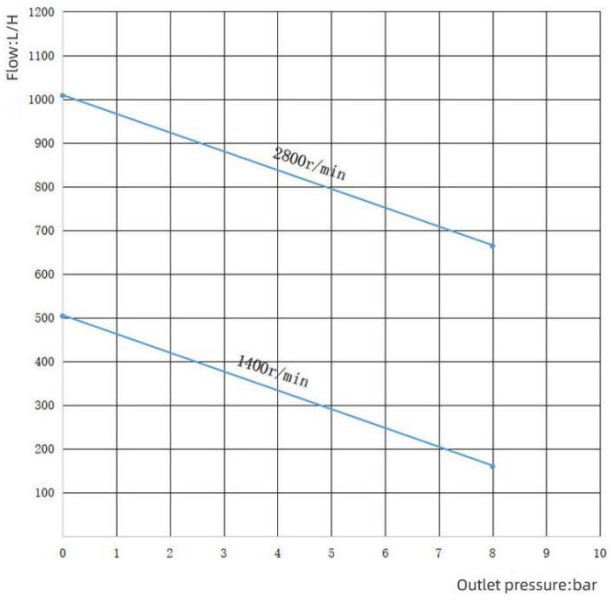
【3.0ml/rev-72Spec】



【3.0ml/rev-88Spec】



【6.0ml/rev 】



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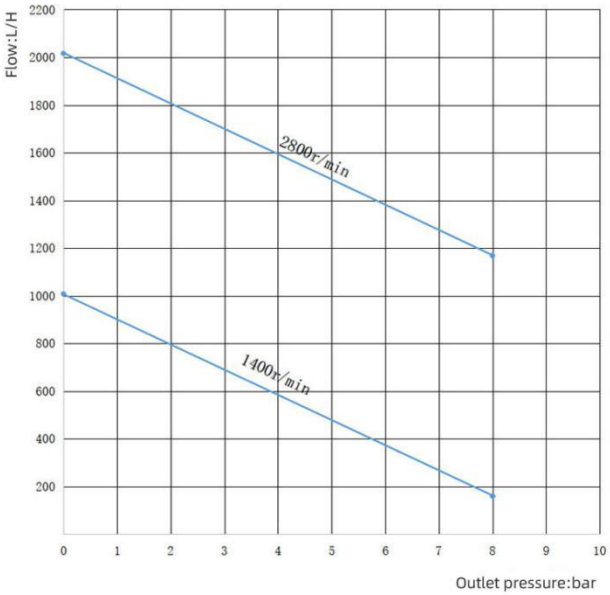

Adhere To Innovation & Determine To Progress

Suzhou Macxi Fluid Technology Co., Ltd., established in early 2014, is a production-oriented enterprise specializing in pump product development, production and sales. Main micro magnetic pump, diaphragm pump, wear-resistant gear pump, inkjet machine pressure pump, micro gear metering pump and other pump products. The company's main stainless steel magnetic drive micro gear metering pump is widely used in domestic large-scale inkjet printer manufacturers and ink-jet printing manufacturers, and has been well commented by customers. The company has been committed to the optimization of product structure, improvement of service life and customization according to customer requirements, so as to improve the competitiveness of its products for supporting manufacturers.

We are a young start-up company. Since the establishment of the company, we adhere to the concept of innovation and enterprising. With the joint efforts of all employees, we have achieved geometric level continuous growth of the company's sales in just three years, 2017 In the second half of the year, in order to cope with the expanding market demand, the company invested 1500 square meters of new plant, and added a number of advanced production equipment, laying a good foundation for the company's sustainable development.

At present, Suzhou Macxi Fluid Technology Co., Ltd. has an annual production capacity of 50000 micro magnetic gear pumps. We are looking forward to providing more high-quality products and services to more domestic and foreign users.

Product features

▲Smooth transmission, no pulse, accurate measurement
▲Use magnetic drive structure, static seal, truly achieve zero leakage
▲Hastelloy, titanium alloy, SUS304, SUS316, and PEEK plastics are available for Pump body， are suitable for most chemical media
▲High efficiency and energy saving, easy maintenance, low installation cost and long service life
▲Diversified drive, wide application in the industry, complete models

Attentions:

▲It cannot be used to transport fluids with hard particles
▲Filter to be installed at inlet

No.1 building of Pioneer Park, Zhittang Town, Changsu City, Jiangsu Province, China
13773149257
Bruce.tang@macxipump.com
Http://www.macxipump.com