

AC 电机泵站
AC MOTOR PUMP STATION

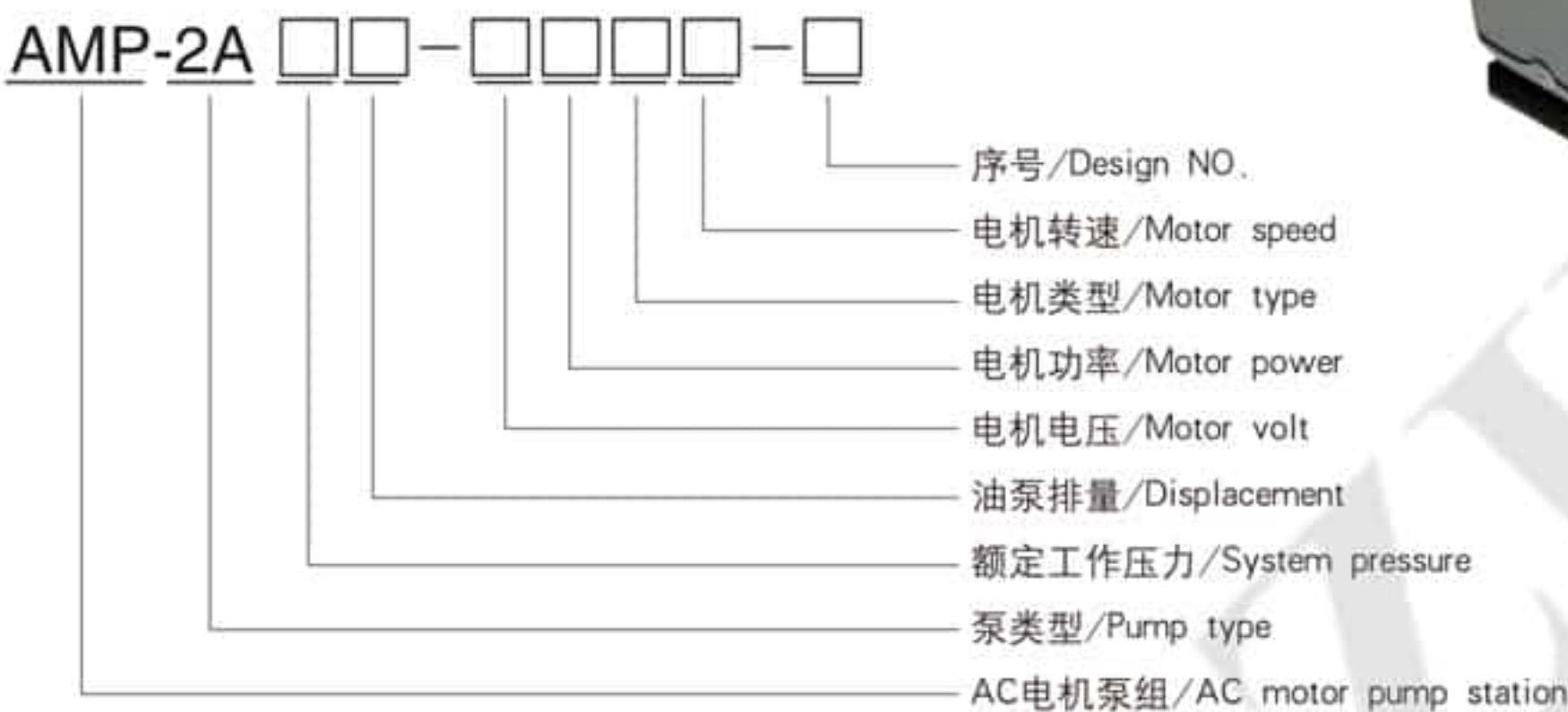
简介 General Description

此液压泵站由CB2A高压齿轮油泵与交流电机组成，性能稳定，是大型机械设备的理想动力源。

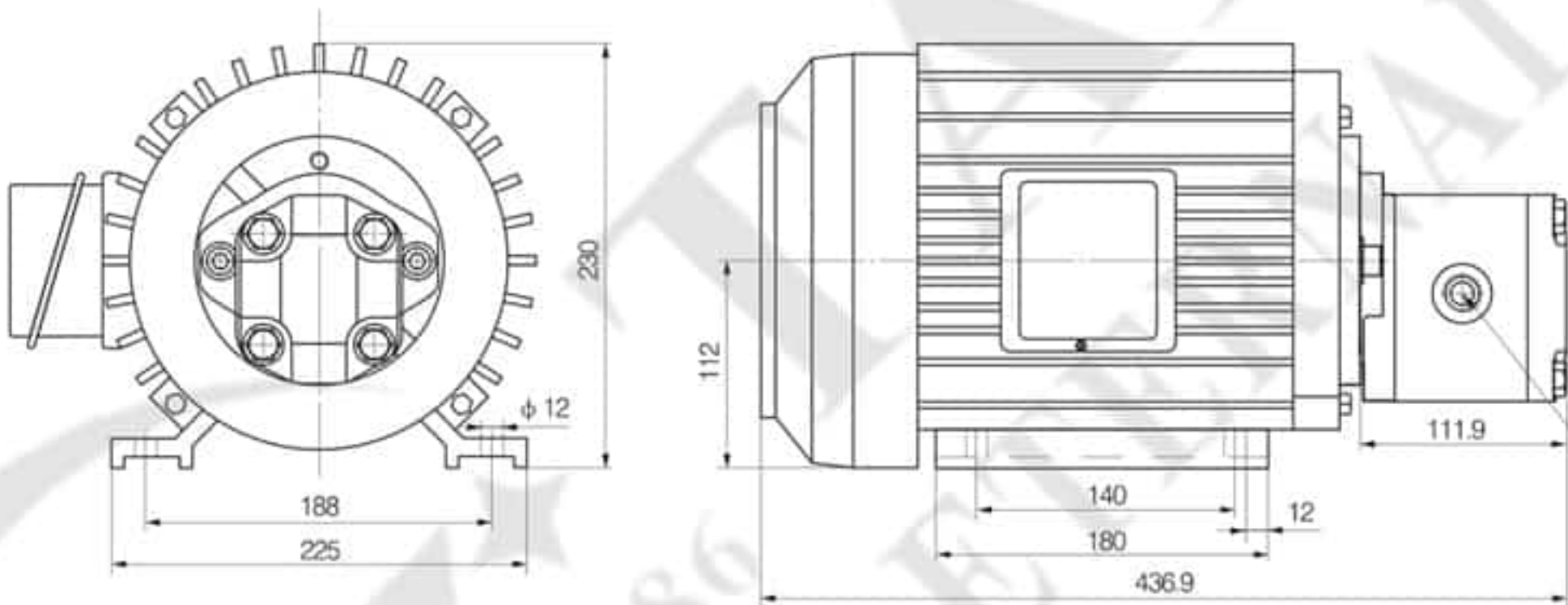
Equipped with a high pressure gear pump,a heavy duty AC motor this hydraulic pump station features stable performance,and can be widely used in large equipments.



型号说明 Ordering Code

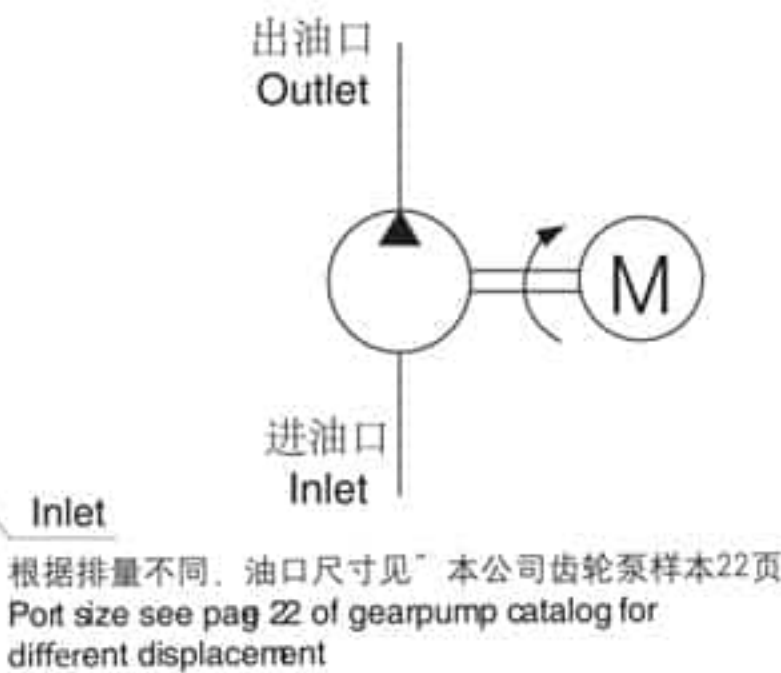


外形尺寸图 Outline Dimension



系统工作原理

Hydraulic Circuit Diagram



型号规格说明 Model Specifications

Model 型号	Motor Volt 电机电压	Motor Power 电机功率	Displacement 油泵排量	System Pressure 额定工作压力	Rated Speed 名义转速
AMP-2AE4-4GNB-B	380VAC	1.5KW	4ml/r	14MPa	1450RPM
AMP-2AF7-4JNB-B		3.7KW	7ml/r	20MPa	
AMP-2AD11-4INB-B		3KW	11ml/r	10MPa	
AMP-2AD14-4HNB-B		3KW	14ml/r	8MPa	
AMP-2AD15-4JNB-B		3.7KW	15ml/r	9MPa	

注意事项 Special Notes

1. 此动力单元不可连续运转（1分钟ON，9分钟OFF），可重复工作。
2. 安装前必须保证油缸、油管、接头等液压元件清洁无任何杂质粘附。
3. 液压油粘度应为15~68CST，应清洁无杂质，推荐使用N46号液压油。
4. 本电机泵站适用于卧式安装。

- 1.The power unit is of S3 duty, which can only work intermit-tently and repeatedly,ie., 1minute on and 9 minutes off.
2. Clean all the hydraulic parts concerned before mounting the power unit.
3. Viscosity of the oil shoud be 15~68 cst,and the oil should be clean and free of impurities,N46 hydraulic oil is recommended.
4. The pump station should be mounted horizontally.

DC 电机泵站1

DC MOTOR PUMP GROUP 1

简介

General Description

此液压泵站由CB1S高压齿轮油泵与直流电机组成，性能稳定，常用于复杂液压系统供油。

Consisting of a heavy duty DC motor and the CB1S gear pump , this pump-motor group is typically used as a power station of a complex hydraulic system.



型号说明

Ordering Code

DMP-1S□□□-□□XU-A

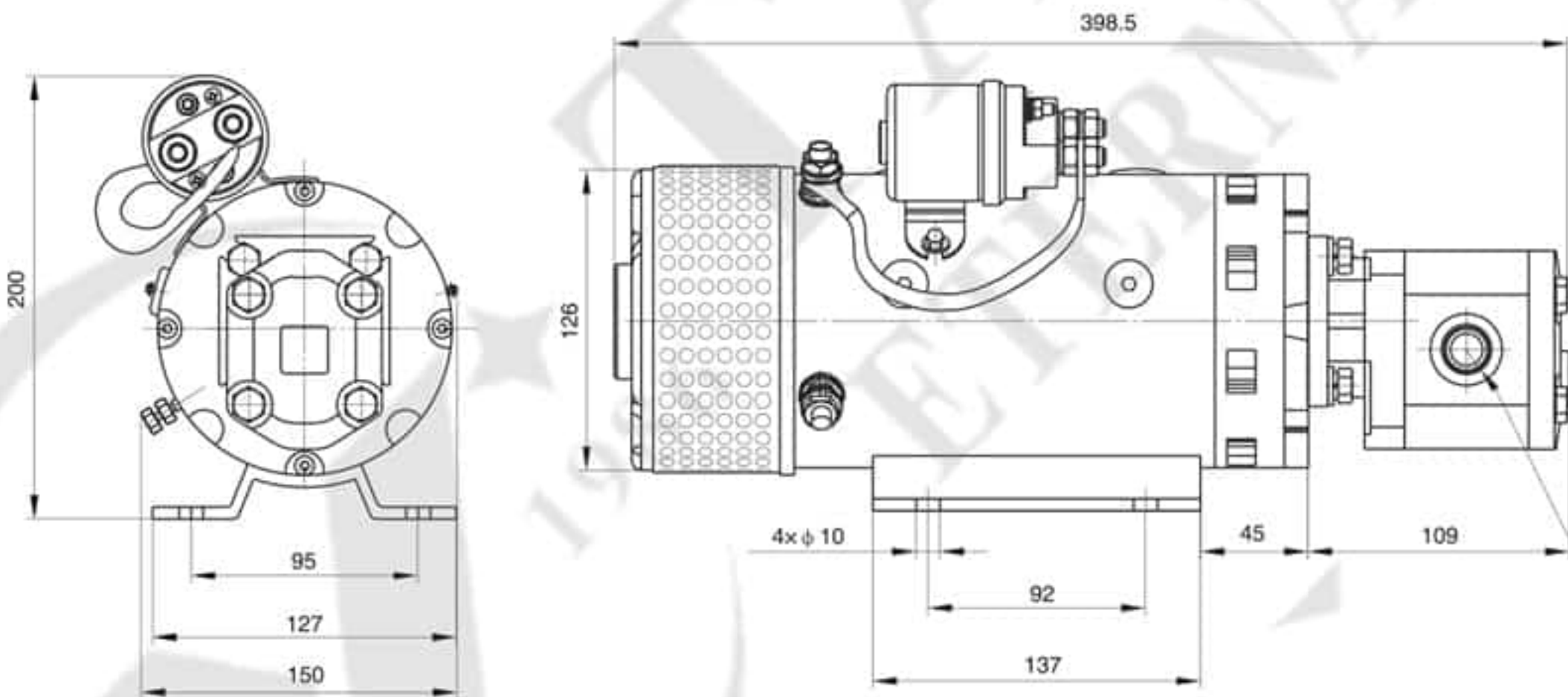
DMP	DC电机泵组
1S	CB1S
F	20MPa
E	16MPa
D	10MPa
C	6.5MPa
9	9ml/r
6	6ml/r
4	4ml/r
3.2	3.2ml/r

DC电机泵组	DC motor pump group
齿轮泵系列	Pump Type
溢流阀压力	System Pressure
泵排量	Pump Displacement

设计序号Design No.	A-Z
名义转速Nominal Speed	U 2500RPM
电机类型Motor Type	X 5"
电机功率Motor Power	B 3KW
	W 1.5KW
电机电压Motor Volt	2 24V
	1 12V
油口形式 Port Configurations	空口或S SAE 油口 Omit or S SAE Ports
	G 管螺纹 (BSPP) Gas Threaded Ports
	B 公制螺纹 Metric Threaded Ports

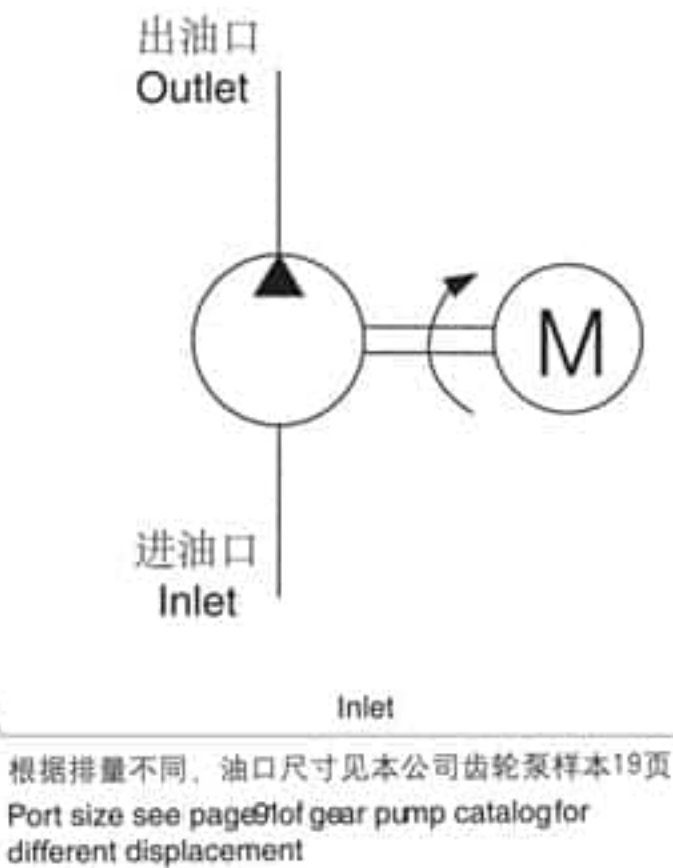
外形尺寸图

Outline Dimension



系统工作原理

Hydraulic Circuit Diagram



型号规格说明

Model Specifications

Model 型号	Motor Volt 电机电压	Motor Power 电机功率	Displacement 油泵排量	System Pressure 额定工作压力	Nominal Speed 名义转速
DMP-1SF3.2-2BXU-A	24VDC	3KW	3.2ml/r	20MPa	2500RPM
DMP-1SF4-2BXU-A			4ml/r	18MPa	
DMP-1SD6-2BXU-A			6ml/r	10MPa	
DMP-1SC9-2BXU-A			9ml/r	6.5MPa	

注意事项

Special Notes

1. 此动力单元为S3工作制，不可连续运转，30秒开、270秒停。

2. 安装前必须保证油缸、油管、接头等液压元件清洁无任何杂质粘附。

3. 液压油粘度应为15~68CST，应清洁无杂质，推荐使用N46号液压油。

4. 本电机泵站适用于卧式安装。
1. The duty of this power unit is S3, i.e., 30 seconds on and 270 seconds off.

2. Clean all the hydraulic parts concerned before mounting the power unit.

3. Viscosity of the oil should be 15~68 cst, and the oil should be clean and free of impurities, N46 hydraulic oil is recommended .

4. The pump station should be mounted horizontally.

DC 电机泵站 2
DC MOTOR PUMP GROUP 2

简介 General Description

此泵站由CBR系列齿轮泵与4.5英寸直流电机组成，泵里集成了溢流阀与单向阀。该产品作为液压动力源广泛应用于移动设备液压系统。

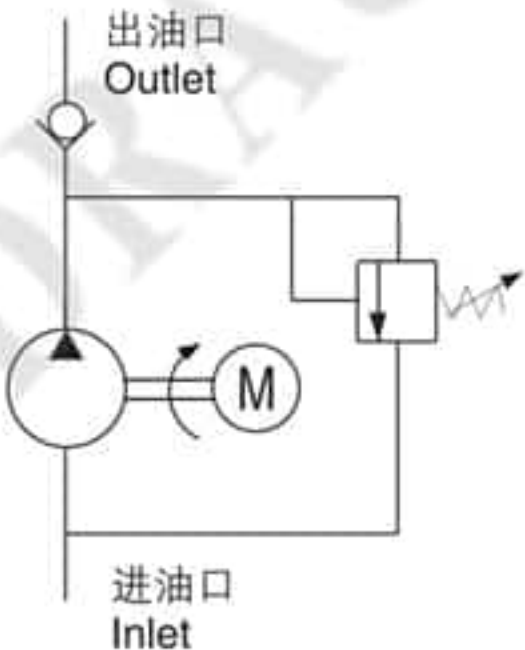
This motor pump consists of a 4.5" DC motor, a CBR gear pump with built-in relief valve and check valve. As a hydraulic power unit, it is widely used in hydraulic systems on mobile machines.



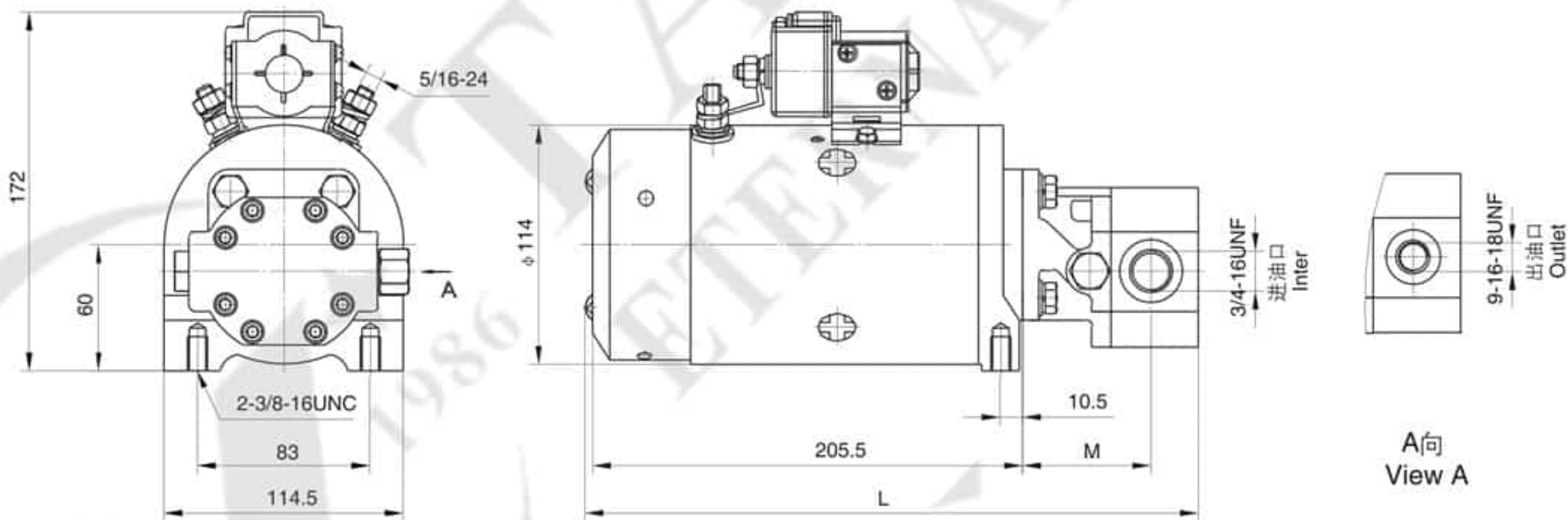
型号说明 Order Code

DMP- R □ □ □ - □ □ W U-A		设计序号 Design No. A-Z	
DMP	DC电机泵组 DC motor pump group		
R	CBR	齿轮泵系列 Pump Type	
F	20MPa	溢流阀压力 System Pressure	
E	16MPa		
D	10MPa		
2.6	6ml/r	泵排量 Pump Displacement	
2.1	4ml/r		
1.8	3.2ml/r		
空白或S Omit or S	SAE 油口 SAE Ports	油口形式 Port Configurations	
G	管螺纹 (BSPP) Gas Threaded Ports		
B	公制螺纹 Metric Threaded Ports		
		名义转速 Nominal Speed	U 2500RPM
		电机类型 Motor Type	W 4.5"
		电机功率 Motor Power	B 3KW W 1.5KW
		电机电压 Motor Volt	2 24V 1 12V

系统工作原理
Hydraulic Circuit Diagram



外形尺寸图 Outline Dimension



技术参数 Technical Data

Model 型号	Motor Volt 电机电压	Motor Power 电机功率	Displacement 油泵排量	Nominal Speed 名义转速	System Pressure 溢流阀压力	尺寸 Dimension(mm)	
						M	L
DMP-RE1.8-1WWU-A	12VDC	1.5KW	1.8ml/r	2500RPM	16MPa	65.3	299.3
DMP-RE2.1-2AWU-A	24VDC	3KW	2.1ml/r				300.3
DMP-RE2.1-2MWU-A		2.2KW	2.6ml/r		10MPa	71.8	301.8
DMP-RD2.6-2MWU-A			2.1ml/r		16MPa	65.3	300.3
DMP-RE2.1-9MWU-A	48VDC		2.1ml/r				

注意事项 Special Notes

1. 此动力单元不可连续运转（1分钟ON，9分钟OFF），可重复工作。
 2. 按装前必须保证油缸、油管、接头等液压元件清洁无任何杂质粘附。
 3. 液压油粘度应为15~68CST，应清洁无杂质，推荐使用N46号液压油。
 4. 本电机泵站适用于卧式安装。
- 1.The power unit is of S3 duty, which can only work intermittently and repeatedly,ie., 1minute on and 9 minutes off.
 - 2.Clean all the hydraulic parts concerned before mounting the power unit.
 - 3.Viscosity of the oil should be 15~68 cst,and the oil should be clean and free of impurities,N46 hydraulic oil is recommended .
 - 4.The pump station should be mounted horizontally.

DC 电机泵站3

DC MOTOR PUMP GROUP 3

简介 General Description

此液压泵站由CBSR高压齿轮油泵与4.5英寸直流电机组成，是带有溢流阀、单向阀和电磁卸荷阀的典型的动力举升和重物下降的回路。作为液压动力单元广泛的用于移动设备的液压系统中。

This motor pump consists of a 4.5" DC motor and a CBSR gear pump that has a typical power up/gravity down circuit with a relief valve, a check valve and a solenoid release valve. As a hydraulic power unit, it is widely used in hydraulic systems on mobile machines.

型号说明 Order Code

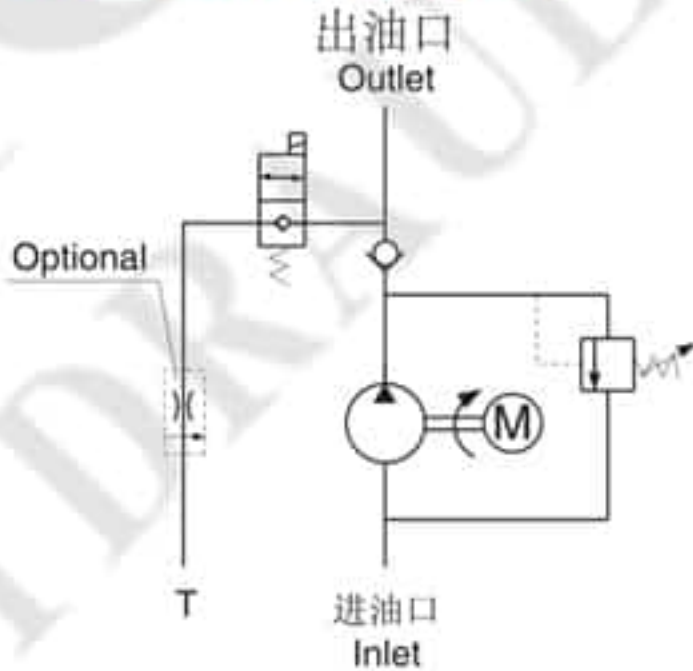
DMP-SR		-		W		U-A	
DMP	DC电机泵组 DC motor pump group						
SR	CBSR	齿轮泵系列Pump Type					
F	20MPa	溢流阀压力 System Pressure					
E	16MPa						
D	10MPa						
1.8	1.8ml/r	泵排量 Pump Displacement					
2.1	2.1ml/r						
2.6	2.6ml/r						
空白或S Omit or S	SAE 油口 SAE Ports	油口形式 Port Configurations					
G	管螺纹 (BSPP) Gas Threaded Ports						
B	公制螺纹 Metric Threaded Ports						

设计序号 Design No.		A-Z	
名义转速 Nominal Speed		U	2500RPM
电机类型 Motor Type		W	4.5"
电机功率 Motor Power		M	1.5KW
		A	2KW
		W	2.5KW
电机电压 Motor Volt		9	48V
		2	24V
		1	12V

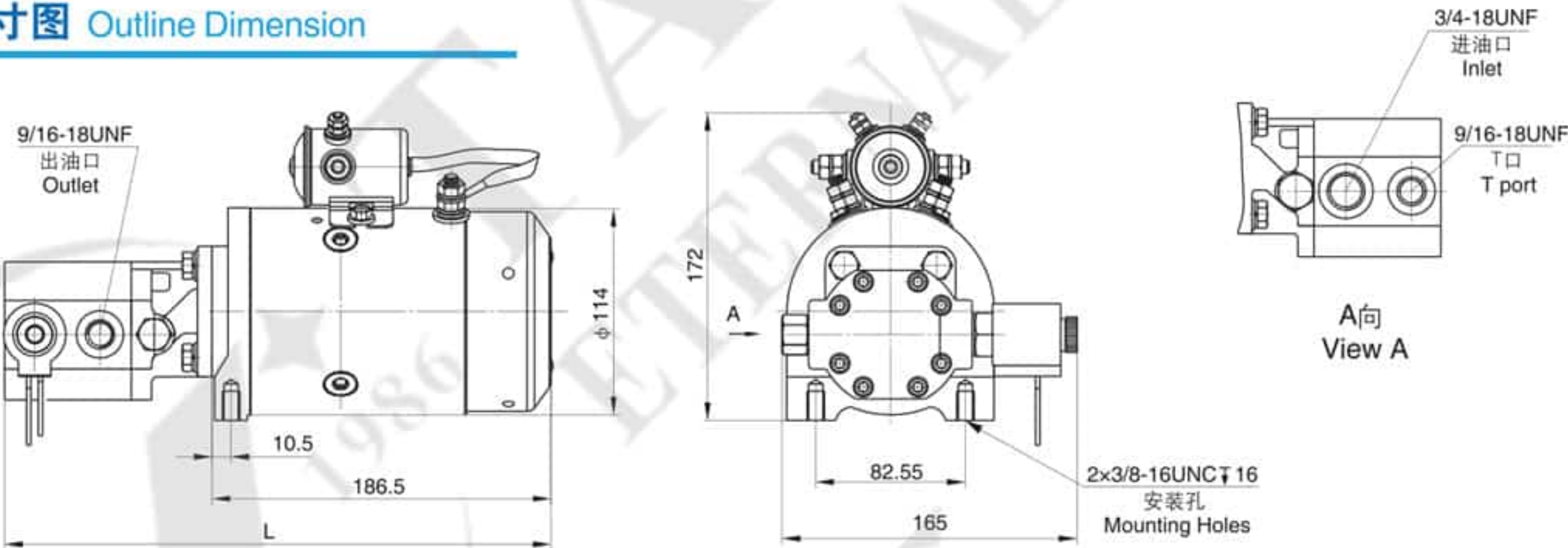


系统工作原理

Hydraulic Circuit Diagram



外形尺寸图 Outline Dimension



技术参数 Technial Date

Model 型号	Motor Volt 电机电压	Motor Power 电机功率	Displacement 油泵排量	System Pressure 溢流阀压力	Nominal Speed 名义转速	尺寸 Dimension(mm)
DMP-SRF1.8-1WWU-A	12VDC	1.5KW	1.8ml/r	20MPa	2500RPM	L
DMP-SRE2.1-1WWU-A				16MPa		304
DMP-SRF2.1-2AWU-A	24VDC	2KW	2.1ml/r	20MPa		305
DMP-SRF2.1-2MWU-A				20MPa		324
DMP-SRE2.6-2MWU-A		2.2KW	2.6ml/r	16MPa		325.5
				16MPa		

注意事项 Special Notes

1. 此动力单元不可连续运转（30秒钟ON，270秒钟OFF），可重复工作。

2. 安装前必须保证油缸、油管、接头等液压元件清洁无任何杂质粘附。

3. 液压油粘度应为15-68CST，应清洁无杂质，推荐使用N46号液压油。

4. 本电机泵站适用于卧式安装。

5. 溢流阀开启压力设定高于工作压力25%。

6. 流量控制阀可以用来调节下降速度。
- 1.This power unit is of S3 duty cycle, i.e., non-continuous operation, 30 seconds on and 270 seconds off.

2.Clean all the hydraulic parts concerned before mounting the power unit.

3.Viscosity of the hydraulic oil should be 15-68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.

4.The power unit should be mounted horizontally.

5.The relief valve pressure is preset about 25% higher than the operating pressure.

6.Flow control valve for lowing speed adjustment is available unpon request.

DC 电机泵站4

DC MOTOR PUMP GROUP 4

简介 General Description

此泵站由CBCN系列齿轮泵与大功率直流电机组成，性能稳定，常作为液压动力源广泛应用于移动设备液压系统。

This motor pump consists of a high power DC motor, a CBCN gear pump, this pump-motor group is typically, as a hydraulic power unit, it is widely used in hydraulic systems on mobile machines.

型号说明 Order Code

DMP-CN / - T T-A

DMP	DC电机泵组	DC motor pump group
CN	CBCN	齿轮泵系列Pump Type
F	20MPa	工作压力 Operating Pressure
E	16MPa	
D	10MPa	
4	4.47ml/r	前端泵排量 Front Pump Displacement
6	6.37ml/r	
4	4.47ml/r	后端泵排量 Rear Pump Displacement
6	6.37ml/r	
空白或S	SAE 油口	油口形式 Port Configurations
Omit or S	SAE Ports	
G	管螺纹 (BSPP)	
	Gas Threaded Ports	
B	公制螺纹	
	Metric Threaded Ports	

设计序号
Design No.

A-Z

名义转速
Nominal Speed

T 2500-3000RPM

电机类型
Motor Type

T 大于5"

电机功率
Motor Power

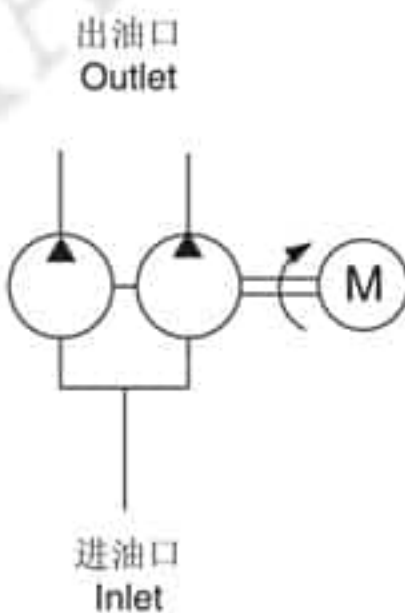
P 4.5KW
I 3.3KW

电机电压
Motor Volt

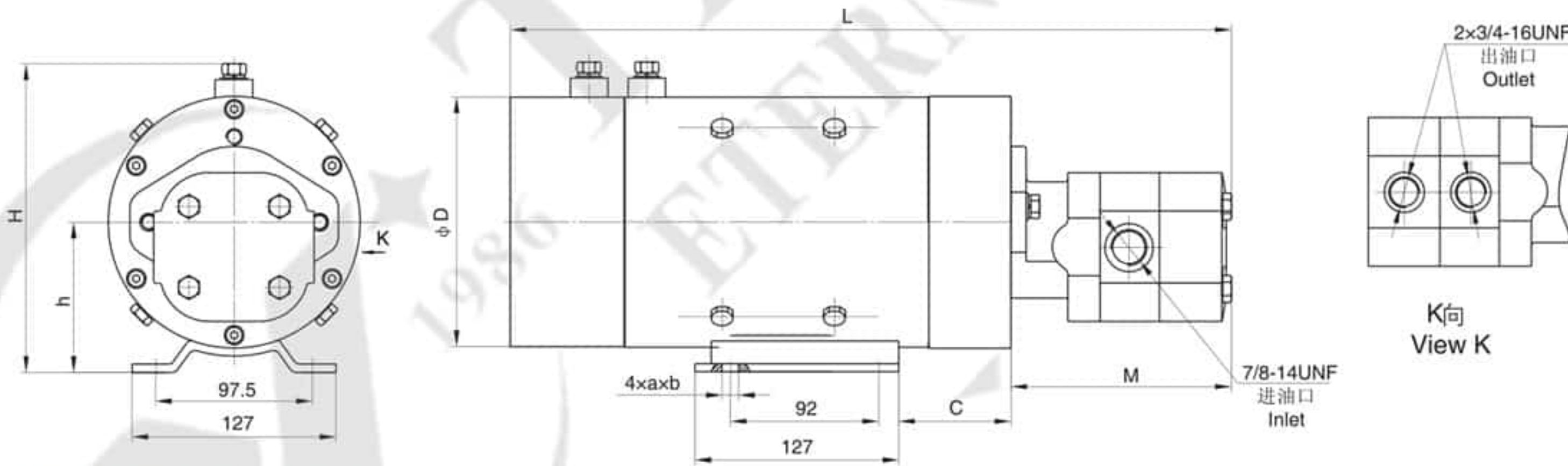
9 48V
2 24V
1 12V

系统工作原理

Hydraulic Circuit Diagram



外形尺寸图 Outline Dimension



技术参数 Technial Date

Model 型号	Motor Volt 电机电压	Motor Power 电机功率	Nominal Speed 名义转速	Displacement 油泵排量		Operating Pressure 工作压力	尺寸 Dimensions(mm)						
				前端Front	后端Rear		a × b	h	H	C	M	φ D	L
DMP-CNF6/4-2PTT-A	24VDC	4.5KW	2580RPM	4.47	6.47	20MPa	12 × 18.5	89	193	70	137.5	φ159	450.5
DMP-CNE6/4-9PTT-A	48VDC					16MPa							
DMP-CND4/4-2ITT-A	24VDC	3.3KW	2100RPM	4.47	4.47	10MPa	10.5 × 16.5	82	160	64	134.3	φ141.8	417.9

注意事项 Special Notes

1. 此动力单元不可连续运转（1分钟ON，9分钟OFF），可重复工作。

2. 安装前必须保证油缸、油管、接头等压力元件清洁无任何杂质粘附。

3. 液压油黏度应为15~68CST，应清洁无杂质，推荐使用N46号液压油。

4. 本电机泵站适用于卧式安装。
- 1.This power unit is of S3 duty cycle,which can only work inter-
mittently and repeatedly, i.e., 1 minute on and 9 minutes off.

2.Clean all the hydraulic parts concerned before mounting the
power unit.

3.Viscosity of the oil should be 15-68 cst, which should also be
clean and free of impurities. N46 hydraulic oil is recommended.

4.The power station should be mounted horizontally.