DC MOTOR PUMP GROUP 1

Order Code

DMP-1S □□□-□□ X U A

DMP	DC motor pump group

1S	CB1S

Pump Type

F	20MPa
E	16MPa
D	10MPa
C	6.5MPa

Operating Pressure

9	9ml/r
6	6ml/r
4	4ml/r
3.2	3.2ml/r

Pump Displacement

Port Configurations

Omit or S	SAE Ports
G	Gas Threaded Ports
B	Metric Threaded Ports

Motor Voltage

2	24V
1	12V

Motor Power

B	3KW
W	1.5KW

Motor Type

X	5"

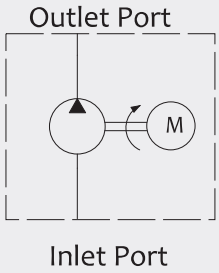
Nominal Speed

U	2500RPM

Design NO.

A-Z	

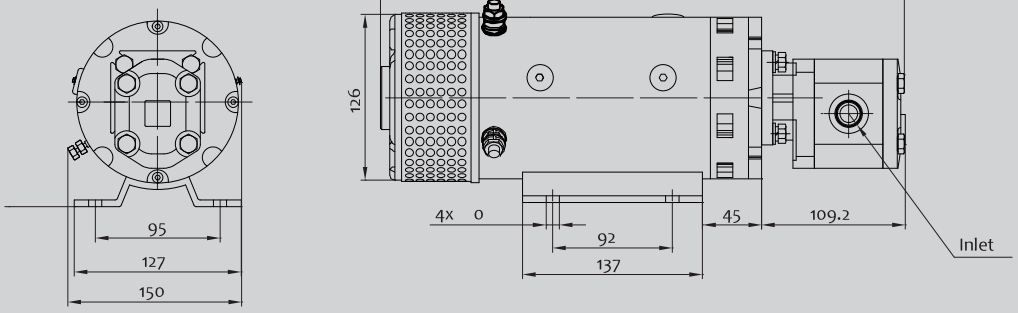
Hydraulic Circuit Diagram



Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil shoud be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards every 3000 hours.

Outline Dimension



Model Specifications

Model	Motor Voltage	Motor Power	Displacement	System Pressure	Rated Speed
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	

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or tank capacity.