

LIMITED 1 YEAR WARRANTY

We make every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of one year from the date of purchase(90 days if used by a professional contractor or if used as rental equipment). This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

The warranty gives you specific legal rights and you may also have other rights which vary from place to place.

Instruction Manual

HYDRAULIC ELECTRIC PUMP



Due to continuing improvements, actual product may differ slightly from the product described herein.



Read this material before using this product.

Failure to do so can result in serious injury.

SAVE THIS MANUAL

OPERATION INSTRUCTION

I. Product description

Super-high Pressure Electric Oil pump features small Volume, high pressure.

Compact structure, light weight and easy operation and maintenance. This product can be widely used as hydraulic source for various hydraulic apparatus in addition to the high, middle and low pressure testing hydraulic source. It may be used together with these tools or machines of crane, form pressing, pipe bending, aligning, unloading machine, pipe cutter and punching.

II. Main technical parameters:

Rated pressure: 70Mpa

Voltage: 220VV/380V (can be customized)

Power: 750W/1500W/3000W Frequency: 50/60 Hz

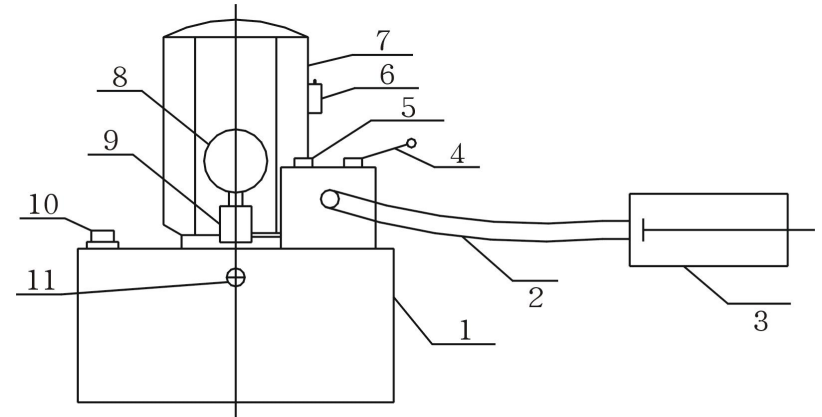
Oil Storage: 7 L/10L/30L

REV: 1400r/min

Oil Type: Grade 8#/10#/15# Hydraulic Oil

Fill Oil Before Start Motor

III. Structure



- | | |
|---------------------------------|------------------------|
| 1. Oil tank | 7. Motor |
| 2. High-pressure oil pipe | 8. Voltmeter |
| 3. Hydraulic apparatus cylinder | 9. Meter support, pipe |
| nut | |
| 4. Switch handle | 10. Oil filler cover |
| 6. Motor switch | 11. Oil level |

IV Application

Keep the oil filler cover (10) open when using to ventilate the tank, rotate the switch handle(4) on offload state, and connect the high-pressure oil pipe(2) with matched hydraulic apparatus(3), start-up the motor(7) for oil supply; then turn the switch handle to pressure ousting state and the oil pump begins to supply oil to hydraulic apparatus. The oil pressure will be boosting as the increasing load till the work is finished.

V. Precautions:

1. The medium used in this oil pump is Grade 8 hydraulic oil.
2. The oil storage must reach above the oil level line.
3. Use 80 meshes or above filter when fill ling oil; replace the oil and clean the tank every three months.
4. The oil in the apparatus cylinder shall be 8# machine oil and **it should be clean.**
5. Please stop the pump when it's found the motor us overheated because of a continuous high pressure (70Mpa).
6. The pressure of the relief safety valve (5) has been adjusted as 70Mpa. Please do not adjust the pressure at will. If necessary, please turn to professional technician with a voltmeter (8) and the pressure should be kept within 70Mpa to avoid any damage.

VI Packing list

No.	Name	Spec	Unit	Qty
1	Electric pump DYB-63A HHB-700AB HHB-700A HHB-700D3 QQ-700 DB075-D2 DB150-D3 DB150-D2B DB150-D2 DB150-D1 DB150-S2 DB300-S2 DB300-D1 DB300-D2	High Pressure:70Mpa 0.75Kw High Pressure Stage:0.9L/Min Low Pressure Stage:5L/min. 1.5Kw High Pressure Stage:1.7L/Min Low Pressure Stage:7.9L/min. 3Kw High Pressure Stage:2.8L/Min Low Pressure Stage:14L/min.	Set	1
2	High pressure hose	1800mm	Set	1
3	Instructions		Set	1
4	Certificate inspection	of	Set	1

FAULT	ANALYSIS	SOLUTION
A. Motor abnormality	<ol style="list-style-type: none"> 1. The motor does not rotate 2. The motor speed is very slow 	Check power supply, switch
B. Pressure abnormality	<ol style="list-style-type: none"> 1. High pressure relief valve out of adjustment 2. Solenoid valve oil leakage 3. Plunger wear 4. Leakage of pump body sealing bolt 	<ol style="list-style-type: none"> 1. Adjust the high pressure relief valve Return tool to manufacture or distributor 2. Cleaning the inside of the valve block and the solenoid core 3. Change plunger 4. Tighten the bolt or change the gasket
C. Insufficient flow	<ol style="list-style-type: none"> 1. Some plungers are not working 2. Hydraulic oil concentration is too high 3. High and low pressure distribution valve oil leakage 	<ol style="list-style-type: none"> 1. Cleaning oil pump 2. Change the hydraulic oil 3. Grinding the seat to change the spool

TROUBLESHOOTING

SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the month and year of purchase. Keep this manual and the receipt in a safe and dry place for future reference.

IMPORTANT SAFETY INFORMATION

In this manual, on the labeling, and all other information provided with this product:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.