

# Lubrication Equipment

## - ZPU Pump -

### INDICATION

ZPU Series Features:

- Designed for centralized lubrication system
- Tank volume of 40L Or 630L
- Medium: NLGI 0# ~ 2# of American standard grease classification
- Mechanical level or ultrasonic level control for optional
- Testing standard HSJB Technology standard

# Lubrication Grease Pump ZPU Series



**Characteristics of Product: ▼**

Lubrication pump ZPU is centralized lubrication pump is used for progressive or dual grease lubrication system where requires high lubricating frequency, large pipe length and max. operation pressure up to 400bar/40Mpa, as a device of lubricating grease supplying. Lubrication pump ZPU is available to equip with mobile cart, high pressure host, grease gun and electric wire to consists of movable centralized lubrication pump system, the ZPU pump with cart is often used for a progressive lubrication system which requires low lubricating frequency, little lubricating points, large volume of lubricating and easily mobile lubrication.

Lubrication pump ZPU is an electric grease pump driven by gear motor unit, discharge grease lubricant at single outlet port, there are grease displacement optional as per different lubricating requirement. The ZPU will be able to transfer the grease to longer lubricating point with small dimensions of lubricating pipe.

**Ordering Code: ▼**

**ZPU 14 G - 40 XYBU - 380**

ZPU series of lubrication pump

Pump Displacement :

- 08= 8 L/h
- 14= 14 L/h
- 24= 24 L/h

Pump Driven Type:

- G= Mounted with flanged gear motor, construction IMB5;
- C= Orbit reducer for 3-phase motor;
- F = With free shaft end

380VAC With 50Hz / 60Hz

Tank Volume Protection :

- XN = Standard design: reservoir for grease
- XYBU= Reservoir with low & high level control by a ultrasonic sensor
- XB = Grease reservoir with high and low-level control
- XV = Grease reservoir for high level control
- XL = Grease reservoir for low-level control

Grease Reservoir Capacity:

- 40= 40L
- 100= 100L

**Technical Data:**

Model	Max. pressure	Reservoir Capacity	Feeding Volume	Reducer Motor	Weight
ZPU08	400bar/40Mpa	40L / 100L	135ml/min.	0.37Kw/380V	76Kgs
ZPU14			235ml/min.	0.55Kw/380V	84Kgs
ZPU24			400ml/min.	1.10Kw/380V	92Kgs

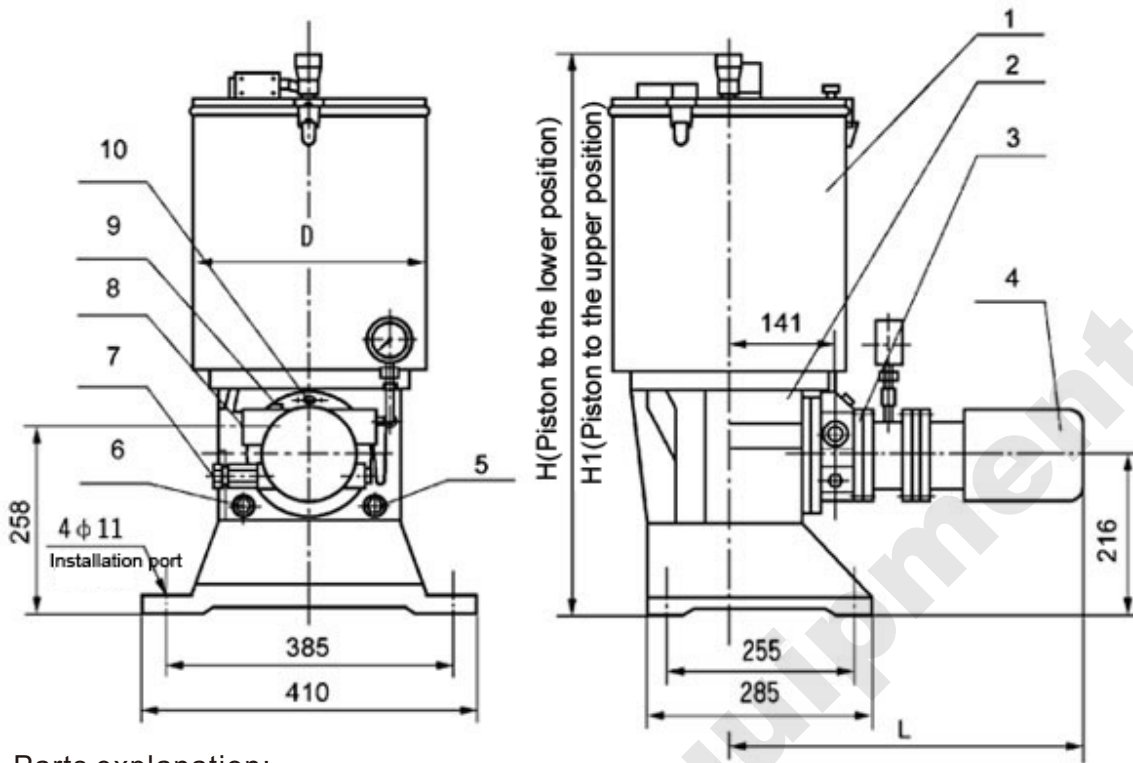
Note:

Better for medium penetration of not less than 265 (at 25 ° C /150g) lubricating oil 1/10mm (NLGI0# ~ 2#).

**Note Of Usage: ▼**

1. The ZPU pump should be installed in a suitable working position such as right ambient temperature, less dust, easy adjustment, inspection, maintenance, washable and easy grease filling in.
2. The ZPU pump is better installed in the center of lubricating system, in order to shorten the length of the pipe, maintain a minimum pressure drop, enable the ZPU pump generated enough pressure to overcome the backpressure from lubrication points.
3. Certain amount of grease should be filling in for first operation, enable the ZPU pump to run in a few minutes, then filling the grease in from inlet port by electrical motor pump.
- 4, Motor reducer of ZPU pump should be added with some Aluminum disulfide lubricant 3 # through vent plug, then the supplement in every four months.
5. The ZPU pump should be placed indoors, it must take protective measures for any outdoors or in harsh environment applications.

**ZPU Dimensions :** ▼



Parts explanation:

1. An oil storage container;
2. Seat pump;
3. A piston pump with flange connection device;
4. Gear motor
5. Filler G3 / 4;
6. Return oil port G3 / 4;
7. Pressure regulator valve ;
8. The oil port G3 / 4;
9. Filter;
10. One-way valve

Code	40L	60L	100	0.55Kw 60rpm	0.7Kw 100pm	1.5Kw 180rpm
D	Ø325	Ø325	Ø500			
H	822	1077	1027			
H1	1112	1527	1387			
L				510	530	575



**INTERNATIONAL  
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