



KLP型电动润滑泵

KLP electric lubrication pump

● 概述 Overview



KLP pump is suitable for construction machinery, light industrial machinery, CNC machine tools, wind power generation and other small and medium-sized equipment. It is a general-purpose, compact and economical centralized lubricating pump. KLP series lubricating pumps can be equipped with up to 3 pump units at the same time. It can be used to transport grease below NLG2#, and low level alarm and PCB board automatic control system can be installed at the same time.

KLP pump can be selected by DC24V and AC220V, AC380V, equipped with three pump units, pump unit can be divided into U5, U6, U7 and other different displacement, pressure, oil storage tank volume can be divided into 2L, 4L, 8L, their different combinations to form different models, see model description for details.

● 型号说明 Model description

KLP-2 G L-1 U6-24-R-XBKZQ

带集成电控板 无不带

With integrated electric control board. If not, unmarked.

R:右端出线 L:左端出线

R: right wiring L: left wiring

24=24VDC 220=220VAC(外带变压器)

380=380VAC(外带变压器)

24=24VDC

220=220VAC

(with independent power supply)

380=380VAC

(with independent power supply)

泵单元型号:U5、U6、U7

Pump unit model: U5, U6, U7

泵单元数量:1-3

Number of pump units: 1-3

K:无压油盘无低液位开关

K: Without oil pressure tray and low level switch

L:无压油盘带低液位开关

L: Without oil pressure tray and with low Level switch

Y:带压油盘及低液位开关

Y: With oil pressure tray and low level switch

G:油脂 X:稀油

G:油脂 grease

X:稀油 oil

储油桶容积:2L, 4L, 8L

Reservoir capacity: 2L, 4L, 8L

Note: The models of Y-type with oil pressure tray and low level switch are only used where the lubricating pump needs to be installed upside down, and it is not recommended in other occasions.

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● 技术参数 Technical parameters

工作电压Working voltage: DC24V、220VAC、380VAC

空载电流No-load current: 0.2A-0.3A

保险丝Fuse: 5A/3A

最大工作压力: 25MPa(5mm柱塞), 20MPa(6mm柱塞), 15MPa(7mm柱塞)

Maximum working pressure: 25MPa(5mm Plunger), 20MPa(6mm Plunger), 15MPa(7mm Plunger)

工作环境温度Working environment temperature: -20°C+70°C

油桶容量Barrel capacity: 2L, 4L, 8L

防护等级Protection grade: IP54

出油口数量: 最多3个

Number of oil outlet: Up to 3

润滑剂: NLGI2号及以下润滑脂(冬天建议使用1#及以下粘度油脂)

Lubricant: Grease NLGI2 and below (viscosity grease below is recommended in winter)

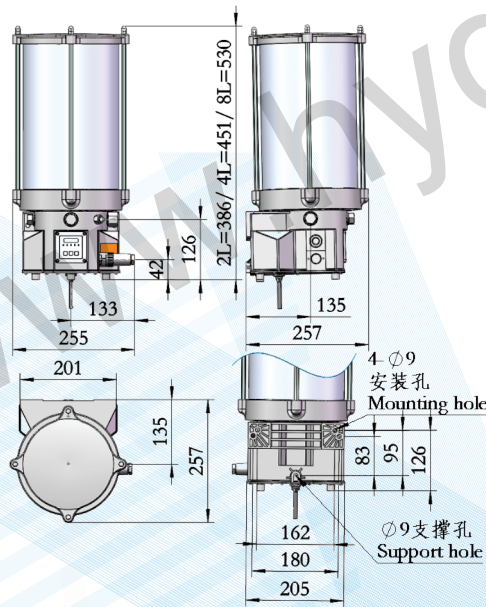
泵上加油接头: JB/T7940, 1-95油杯M10×1

Pump refueling joint: JB/T7940, 1-95 Oil cup M10×1

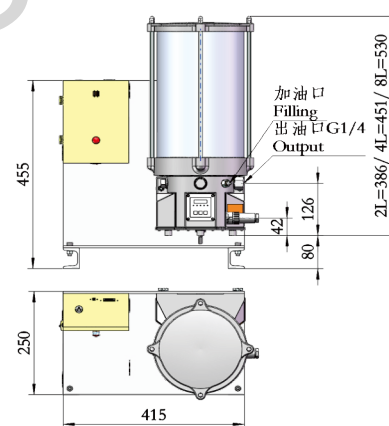
以下为带集成电控板的功能:

The following are the functions with integrated electric control board:

● 外形安装尺寸及重量 Shape installation dimension and weight



DC24V电动润滑泵的外形图



AC220V (AC380V) 电动润滑泵的外形图

	高度 Height mm	容积 Volume L	重量 Weight KG
KLP-2	386	2	10
KLP-4	451	4	10.5
KLP-8	566	8	11.5

润滑时间设置范围: 1秒-9999秒

Lubrication time setting range: 1 second-9999 seconds

润滑间歇设置范围: 1分钟~9999分钟

Range of intermittent lubrication setting: 1 minute to 9999 minutes

计数脉冲设置范围: 1~9999

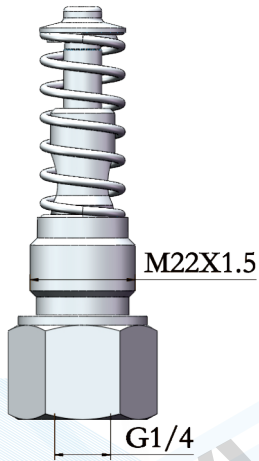
Setting range of counting pulse: 1: 9999



● 泵单元 Pump unit

The KLP pump device can provide up to 3 pump units, each of which is an independent pump and can be connected to a progressive distributor for independent fuel supply. The connection thread between the pump unit and the pump device is $M22 \times 1.5$, and a $\Phi 22 \times \Phi 27$ gasket is needed for installation. The external interface of the pump unit is internal thread $G1ap4$, and a safety valve with external nozzle as $\Phi 8mm$ steel pipe can be installed at the outlet.

Laser etching marks are made on the hexagonal surface of the pump unit to facilitate the distinction of different displacements.

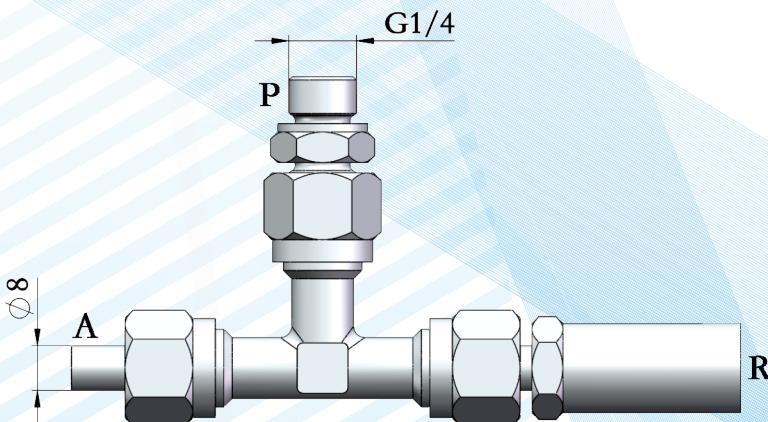


规格 Specifications	泵单元订货号 Order number of pumpunit	出油量 Oil output ml/min	最高压力 Maximum pressure Mpa	柱塞直径 Plunger diameter mm
U5	QRB2010.1A	2.7	25	5
U6	QRB2010.1B	3.9	20	6
U7	QRB2010.1C	5.3	15	7

● 安全阀 Safety valve

安全阀为选装元件,需要单独订货。它直接安装在泵单元出口位置,保证了系统压力不超过最大工作压力。

The safety valve is an optional component and needs to be ordered separately. It is installed directly at the outlet of the pump unit to ensure that the system pressure does not exceed the maximum working pressure.



Order number of safety valve	Set pressure Mpa
QRB2019.0A	25
QRB2019.0B	20
QRB2019.0C	15