

## Characteristics

- 125 cm<sup>3</sup>/min FLOW;
- 0,465 cu/inch FLOW;
- **Max. Pressure:**  
Three phases Motor  
250 BAR (3600 PSI);  
Mono phase Motor  
200 BAR (2880 PSI)
- Handles up to **NLGI 2 Grease**;
- **Dual line return port** means the pump can be used on;
- **3 Phase motor**;
- **Suitable for:**  
20-25kg  
50Kg  
180/200Kg Barrels;
- **Integrated output pressure Regulator 80-250Bar.**

## Applications

- **Mount on drums of various trade skills can be used in all types of industries such as lubrication pumps, filling tanks pumps or barrel pumps;**
- **Dual line and Progressive Systems;**
- **Applications where Compressed Air is not available;**
- **Re-Filling applications.**

## CannonPump

**The Electric barrel pump ready to be used on Progressive and Dual Line Lubrication systems.**

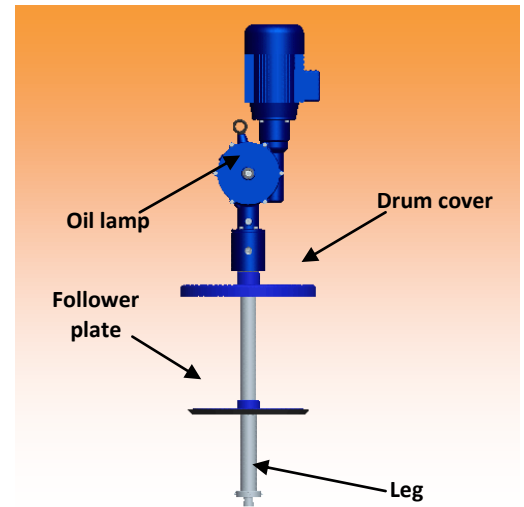
The CannonPump has been designed to meet the requirement of designers that require a traditional barrel pump approach to system design when no compressed air is available.

The pump operates completely with the use of a 3 Phase Motor to provide generous flow and pressure characteristics that allow it to be used even on medium to large systems.

In particular, when equipped with a Dual Line inverter, the pump can be used to pump lubricant in a dual line system with the advantage that the pump is already equipped with a Grease return line that is piped internally through stem back to the reservoir.

This avoids the complication of having to fit flexible hoses that need to be connected to the follower plate.

The lifting hook allows good maneuverability of the pump during change of grease barrels.



## Dual Line System

Lubrication systems engineered with the Dual Line system are generally used on large scale machinery and in harsh operating conditions to lubricate multiple points on large machines. The system can grow to a very complex one with a length that often can exceed 60 meters. The large section of pump packages together with many custom design options allows any lubrication system to be developed reliably and cost-effectively.

DropsA engineers are available to design large scale project and provide installation, commissioning, support and training anywhere in the world.



### Typical Applications:

- Paper Machines
- Steel Plants
- Cement Works
- Large Cranes and Loading Equipment

## Vip5Controller

**High performance system designed to control most of the lubrication systems of small and medium size.**

The Vip5 Control system can be used to construct system using the **CannonPump** and the progressive dividers.

It allows easy configuration of operating parameters, including the piloting of a solenoid valve for single effect pump systems and monitoring of sensor devices fitted on the progressive dividers.

The Vip5 Controller also allows multiple cycle configurations and can not only be used to operate intermittent lubrication systems determined by a pause timer, but also on external impulse signal based systems such as chain or conveyor lubrication.



**VIP5 P.NR.  
1639140 ÷ 1639155**

## Contacts

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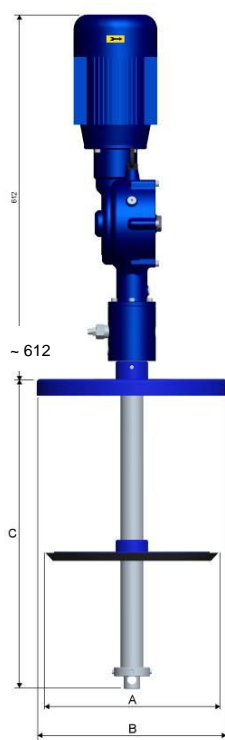
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## TECHNICAL CHARACTERISTICS

Supply voltage	230V/400Vac - 3Ph - 50Hz - 0.55 kW 240/415Vac - 3Ph - 50Hz - 0.55 kW 280/480Vac - 3Ph - 60Hz - 0.65 kW 110Vac -1Ph - 60Hz - 0.9 kW 230 -1Ph - 50Hz - 0.55 kW 24Vcc - 0.55 kW
Flow	0.465 cu/inch (125 cm <sup>3</sup> /min)
Maximum Pressure	250 bar ( 3PH motor) - 200 bar ( 1PH motor)
Pump type	Piston mechanism
Outlet Connection	3/8" BSP
Drum Capacity	20Kg-25Kg - 50Kg - 180Kg/200Kg
Lubricant	Grease NLGI 2 max
Degree of protection	IP55
Gear Reducer	Screw and helical wheel R=50/1
Drum Fixture	Includes radially located retaining screws.
Pressure By-pass	Integrated adjustable 80 ÷ 250 bar
Return Line for Dual Line systems Port	1/4" BSP

DRUM DELIVERY	A	B	C
20-25 kg	290	315	520
50 kg	365	400	720
180/200 kg	590	600	900

## Order information

PUMP WITH FOLLOWER PLATE AND COVER			PUMP WITHOUT FOLLOWER PLATE AND COVER		
CODE	DRUM DELIVERY	POWER SUPPLY	CODE	DRUM DELIVERY	POWER SUPPLY
0234520	20 Kg	230/400Vac 3Ph-50Hz-0,55kW 240/415Vac 3Ph-50Hz-0,55kW 280/480Vac 3Ph-60Hz-0,65kW	0234525	20-25 Kg	230/400Vac 3Ph-50Hz-0,55kW 240/415Vac 3Ph-50Hz-0,55kW 280/480Vac 3Ph-60Hz-0,65kW
0234550	25 Kg		0234535	50	
0234530	50 Kg		0234545	180/200 Kg	
0234540	180/200 Kg		0234526	20-25 Kg	
0234521	20 Kg	110Vac 1Ph - 60 Hz - 0,9 kW	0234536	50 Kg	110Vac 1Ph - 60 Hz - 0,9 kW
0234551	25 Kg		0234546	180/200 Kg	
0234531	50 Kg		0234527	20-25 Kg	
0234541	180/200 Kg		0234537	50 Kg	
0234522	20 Kg	230Vac 1Ph - 50Hz - 0,55kW	0234527	20-25 Kg	230Vac 1Ph - 50Hz - 0,55kW
0234552	25 Kg		0234537	50 Kg	
0234532	50 Kg		0234547	180/200 Kg	
0234542	180/200 Kg		0234528	20-25 Kg	
0234523	20 Kg	24Vcc - 0,55kW	0234528	20-25 Kg	24Vcc - 0,55kW
0234553	25 Kg		0234538	50 Kg	
0234533	50 Kg		0234548	180/200 Kg	
0234543	180/200 Kg				

## Spare parts and Accessories

PUMP ACCESSORIES AND SPARE PARTS					ENGINES PARTS	
ITEM	PUMP SIZE PART NUMBER				CODE	POWER SUPPLY
	20 kg	25 kg	50 kg	180 / 200 kg		
Cover	1141601	1141606	1141603	1141605	3301536	230/400V AC 3Ph - 50Hz - 0,55kW 240/415V AC 3Ph - 50Hz - 0,55kW 280/480V AC 3Ph - 60Hz - 0,65kW
Follower Plate	1141600	1141607	1141602	1141604		
OTHER SPARE PARTS					3301543	110V AC 1Ph - 60 Hz - 0,9 kW
CODE	ITEM				3301542	230V AC 1Ph - 50Hz - 0,55kW
0234496	Bypass				3301540	24V DC - 0,55kW
3133456	Kit sollevatore per fusto 200 kg					