



## CHARACTERISTICS

- **PUMPING SYSTEM:**  
PISTON
- **LUBRICANT:**  
GREASE 000 ~ 2 NLGI
- **HYDRAULIC PRESSURE:**  
100~300 [1450~4351]  
BAR [PSI]

## ADVANTAGES

- THE HYDRAULIC CARTRIDGE PUMP IS A PUMP WITH A PISTON DRIVEN BY HYDRAULIC OIL WITH SPRING RETURN.
- THE PUMP CAN HOUSE 400 CC CARTRIDGES.
- THE PUMP HAS A FLOW RATE ADJUSTMENT.

## APPLICATIONS

- THE PUMP IS PRIMARILY USED ON MACHINERY IN THE FARMING SECTOR AND ON EARTH-MOVING MACHINERY

## THE COMPACT, LOW-COST PUMP FOR MACHINERY IN THE FARMING SECTOR

The hydraulic cartridge pump is a single acting piston pump driven by hydraulic oil.

Filling the cartridge with lubricant is simple and immediate, as is flow rate adjustment, an aspect that makes the pump ready for use.

In the machinery where it is already present, the hydraulic circuit can power the pump which, in combination with a divider, can provide grease to multiple points.

It is used on various types of machinery in the farming sector.

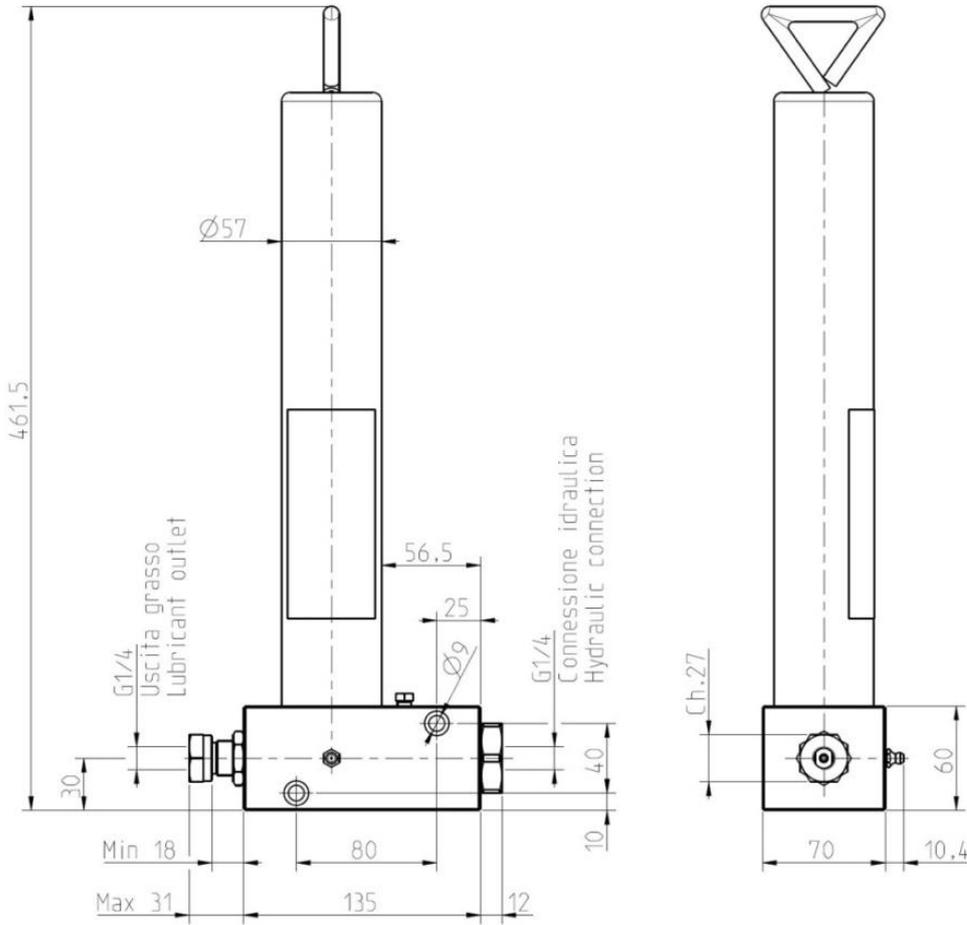


## TECHNICAL INFORMATION

GENERAL TECHNICAL CHARACTERISTICS		
Pumping system	Type	<i>Piston</i>
Flow rate	cm <sup>3</sup> /stroke	<i>0.2 ~ 2 see diagram (Fig. 1)</i>
	[in <sup>3</sup> /rev]	<i>[0.012 ~ 0.12]</i>
Outlet operating pressure	bar [psi]	<i>See diagram (Fig. 2)</i>
Control hydraulic pressure	bar [psi]	<i>100~300 [1450~4351]</i>
Control hydraulic connection	Type	<i>G1/4"</i>
Lubricant outlet connection	Type	<i>G1/4"</i>
Operating Temperature	°C [°F]	<i>-10 ÷ +70 [-14 ÷ +158]</i>
Storage temperature	°C [°F]	<i>-30 ÷ +90 [-22 ÷ +194]</i>
Net weight	Kg [lb]	<i>7 [15.4]</i>
Relative humidity	%	<i>90</i>
Cartridge capacity	g [lb]	<i>400 [0.88]</i>
Drive fluid		<i>Hydraulic oil</i>
Lubricant	NLGI	<i>Grease 000 ~ 2</i>



DIMENSIONS



HYDRAULICS DIAGRAM

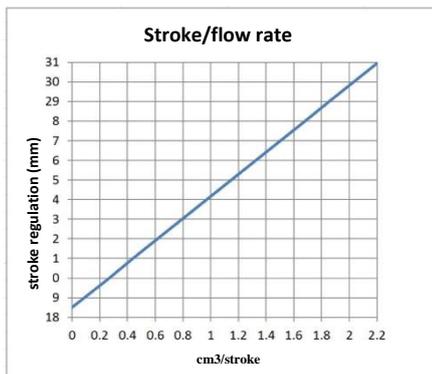
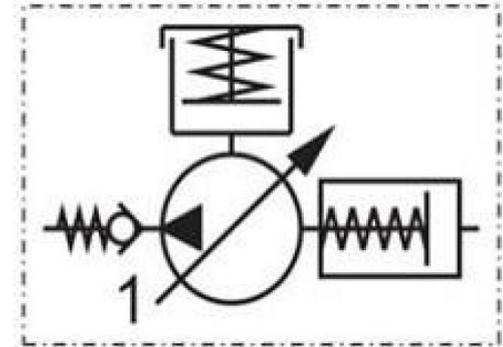


Fig. 1

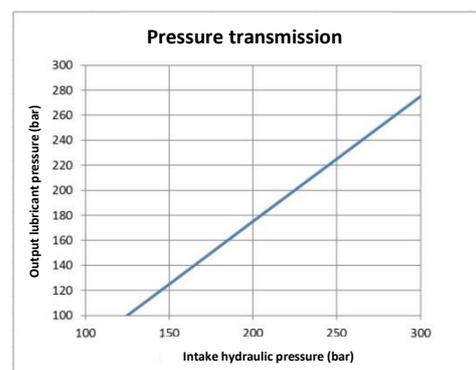


Fig. 2

ORDERING INFORMATION

STANDARD PUMP	
DESCRIPTION	PART NUMBER
HYDRAULIC PUMP 1:1	3414100
CARTRIDGE	1524952

C2305PE WK 23/19

DropsA products can be purchased at DropsA branches and authorised distributors. Go to [www.dropsa.com/contact](http://www.dropsa.com/contact) or write to [sales@dropsa.com](mailto:sales@dropsa.com)

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