



## CHARACTERISTICS

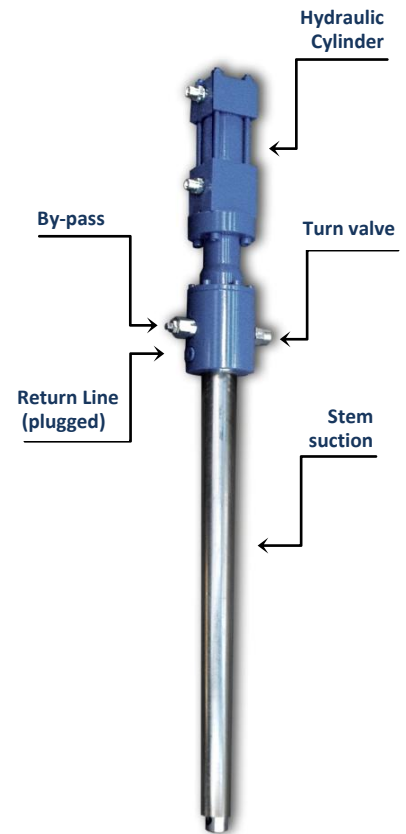
- HYDRAULIC CONTROL PISTON MECHANISM
- LUBRICANTS WITH HIGH DENSITY: NLGI 000 ÷ NLGI 2
- PUMPING UNDER PRESSURE
- COMPLETELY IN CARBON STEEL
- RETURN CONNECTION INTO RESERVOIR

## CANNON HYDRAULIC PUMP

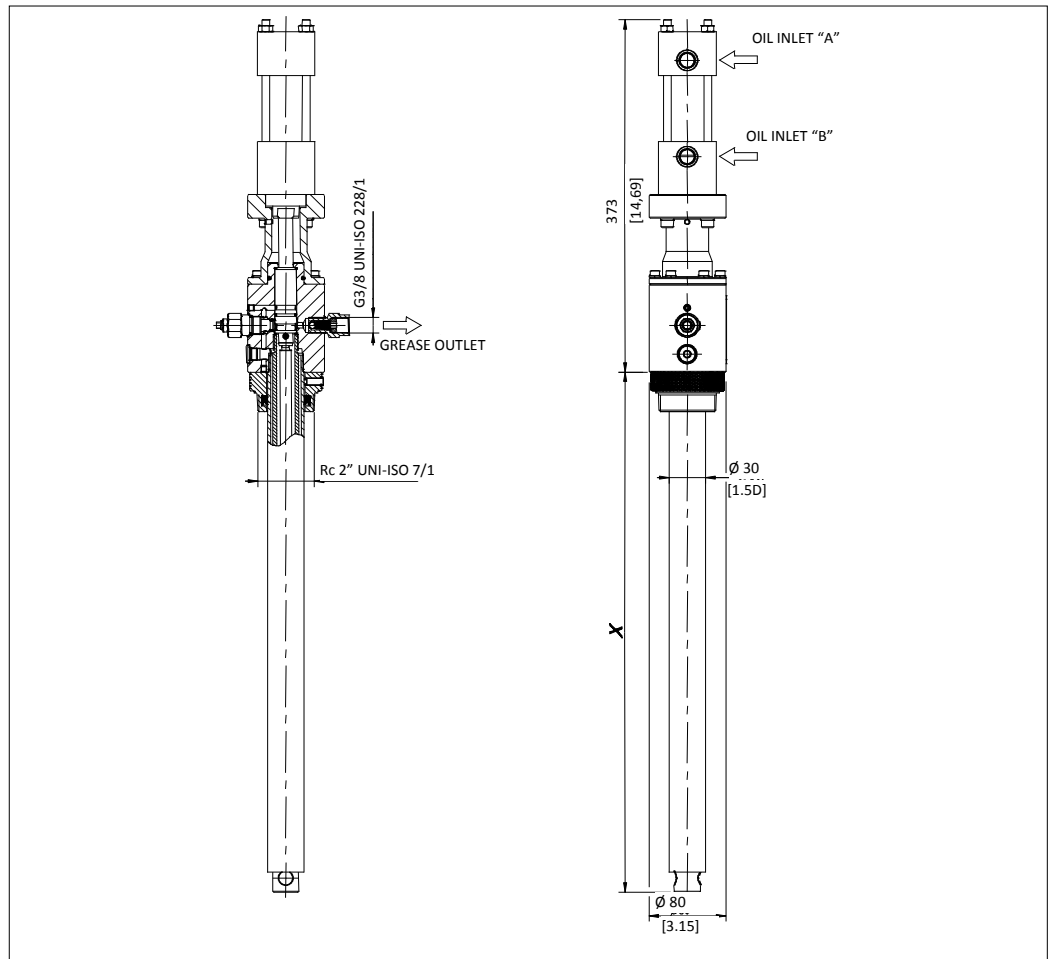
**HYDRAULIC CANNON PUMP** is a hydraulically driven piston pump powered by an external oil pump and a change-over valve.

Canon-Hydraulic is suited to automatic lubrication system for mobile and fixed systems where no electrical power is present. Typical such applications require that grease is pumped at pressure (for example bearings, hubs, studs, joints, etc..) in quarries, mines, industrial and manufacturing applications.

Manufactured in high quality carbon steel, the pump design features allow it to work with viscous lubricants without any additional complicated priming procedures. The pump, when combined with a suitable grease follower plate will be able to operate and pump the grease inside the drum without creating air pockets or other such problems associated with these kind of systems.



## OVERALL DIMENSIONS (NOT TO SCALE)



## APPLICATIONS

- QUARRIES
- MINES
- INDUSTRIAL APPLICATIONS
- MANUFACTURING APPLICATIONS



## CONTACTS

[www.dropsa.com](http://www.dropsa.com)

[sales@dropsa.com](mailto:sales@dropsa.com)

### ITALIA

Dropsa SpA  
t. +39 02-250791  
f. +39 02-25079767

### U.K.

Dropsa (UK) Ltd  
t. +44 (0)1784-431177  
f. +44 (0)1784-438598

### GERMANY

Dropsa GmbH  
t. +49 (0)211-394- 011  
f. +49 (0)211-394-013

### FRANCE

Dropsa Ame  
t. +33 (0)1-3993-0033  
f. +33 (0)1-3986-2636

### U.S.A.

Dropsa Corporation  
t. +1 586-566-1540  
f. +1 586-566-1541

### AUSTRALIA

Dropsa Australia Ltd.  
t. +61 (02)-9938-6644  
f. +61 (0)2-9938-6611

### BRAZIL

Dropsa do Brasil  
t. +55 (0)11-563-10007  
f. +55 (0)11-563-19408

### CHINA

Dropsa Lubrication  
Systems (Shanghai)  
Co., Ltd  
t. +86 (021) 67740275  
f. +86 (021) 67740205

## TECHNICAL SPECIFICATIONS

GENERAL FEATURES		
Pump system	Hydraulic activated Piston mechanism	
Lubricant Outlet Port	G3/8" – UNI ISO 228/1	
Return Line Port	G1/4" – UNI ISO 228/1	
Hydraulic Feed/Return Port Connection (A – B)	G3/8" – UNI ISO 228/1	
Cover Plate Pump stem passage (removable)	Rc 2" UNI-ISO 7/1	
Maximum working pressure	400bar	
By-pass Pressure	Adjustable 80 bar ÷ 450 bar	
Usable Grease Index Range	NLGI 000 ÷ 2	
Nominal Output per Pump Stroke	5cc/ stroke	
Minimum Hydraulic input pressure	30 bar	
Oil flow requirement per stroke	83,5cc	
Pump Pressure Ratio	10:1	
Maximum operating frequency (2 inversions asp + man =)	100 stroke per minute	
Hydraulic fluid cleanliness requirement	ISO 4406:1999 class 20/18/15	
Hydraulic circuit olio viscosity range	10cSt ÷ 400cSt	
Storage temperature	-30°C ÷ +90°C	
Operating Temperature	+5°C ÷ +60°C	
Noise Level	< 70 db (A)	
Compatible Barrel Sizes	20/25Kg – 50Kg – 180/200 Kg	
Weight	Models for 20/25Kg barrel	10,7Kg
	Models for 50Kg Barrels	11,2Kg
	Models for 180/200Kg Barrels	12Kg

## ORDERING INFORMATION

AVAILABLE VERSIONS		
PART NUMBER	DESCRIPTION	
	DRUM DELIVERY	STEM LENGTH
0234560	20/25 Kg [44/55 Lb]	550 mm [21.6 inch]
0234561	50 Kg [110 Lb]	750 mm [29.5 inch]
0234562	180/200 Kg [397/441 Lb]	930 mm [36.6 inch]

ACCESSORIES	
PART NUMBER	DESCRIPTION
1141601	COVER -20KG D315
1141606	COVER -25KG D345
1141603	COVER -50KG D400
1141605	COVER -200KG D600
1141600	FOLLOWER PLATE -20KG D280
1141607	FOLLOWER PLATE -25KG D.320
1141602	FOLLOWER PLATE -50KG D375
1141604	FOLLOWER PLATE 200KG D580
3005141	LOCK RING
0234570	HYD. INVERT. - AUTOMATIC - CETOP 3
0234571	ELE. INVERT. - 24VDC - CETOP 3
0234572	ELE. INVERT. - 12VDC - CETOP 3
0234569	BASE FOR INVERTER CETOP 3
0234573	HYD. INVERT. - AUTOMATIC - CETOP 3 WITH BASE
0234574	ELE. INVERT. - 24VDC - CETOP 3 WITH BASE
0234575	ELE. INVERT. - 12VDC - CETOP 3 WITH BASE
3133456	200 KG DRUM LIFT KIT

SPARE PARTS	
PART NUMBER	DESCRIPTION
0234496	ADJUSTABLE BY-PASS VALVE
0234556	LUBRICANT PUMP OUTLET
0234565	HYDRAULIC CYLINDER