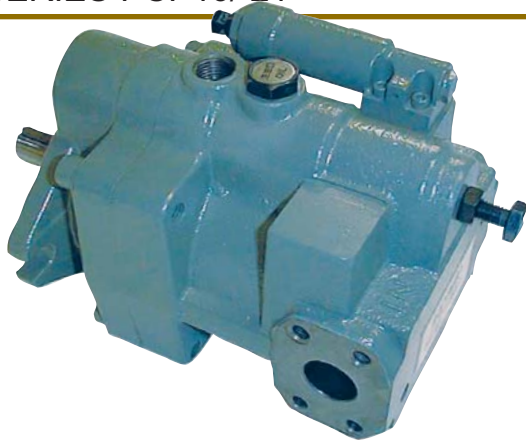


# PISTON PUMPS

SERIES PCP16/ 21



SAE B, 2-Bolt



Series PCP16/ 21 Piston Pumps

## Specifications

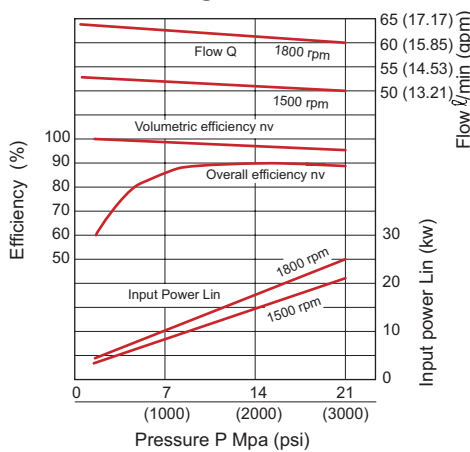
**PCP16** 1800 RPM, 16.6 GPM (at no load), 3000 PSI Max

Model	Pressure Range (psi)	Displacement per rev.	Flow @ 1800 RPM	Weight
PCP16-.5K-2BK-2	143-500	2.14 cu-in	16.6 gpm (63.0 lpm)	51.0 lbs 23.0 kgs
PCP16-1K-2BK-2	286-1000			
PCP16-2K-2BK-2	500-2000	35.0 cc		
PCP16-3K-2BK-2	500-3000			

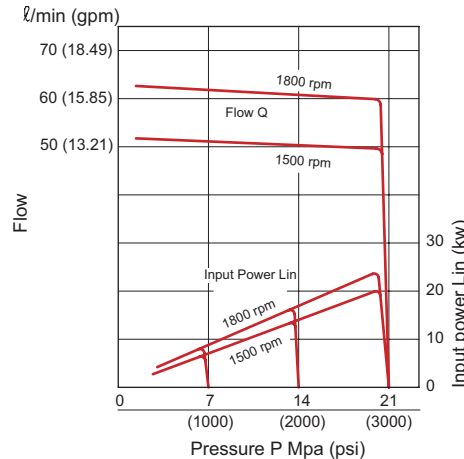
## Performance Data

Typical performance curves based on ISO VG32 Oil @120°F, (49°C)

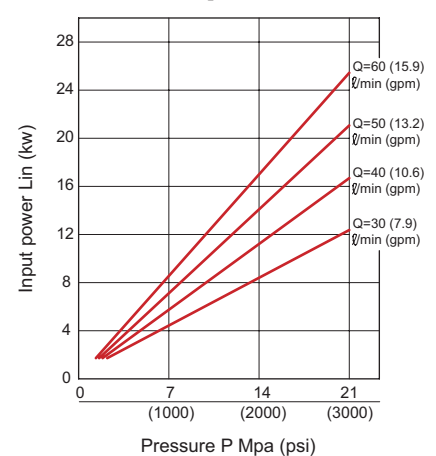
### Efficiency Curves



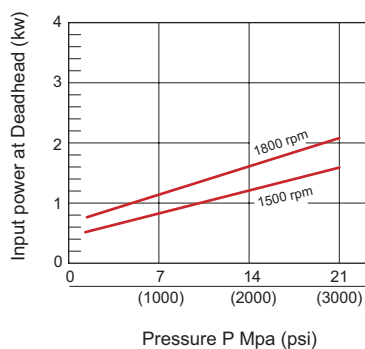
### Pressure vs Flow



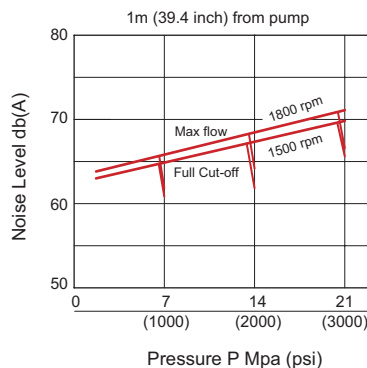
### Power Input



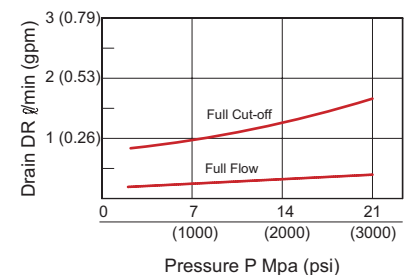
### Deadhead Power



### Noise Level



### Drain Curve



## Specifications

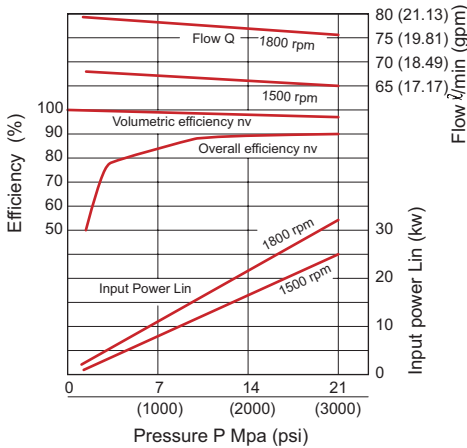
**PCP21** 1800 RPM, 21.5 GPM (at no load), 3000 PSI Max

Model	Pressure Range (psi)	Displacement per rev.	Flow @ 1800 RPM	Weight
PCP21-.5K-2BK-2	143-500	2.76 cu-in	21.5 gpm	51.0 lbs
PCP21-1K-2BK-2	286-1000			
PCP21-2K-2BK-2	500-2000	45.0 cc	(81.0 lpm)	23.0 kgs
PCP21-3K-2BK-2	500-3000			

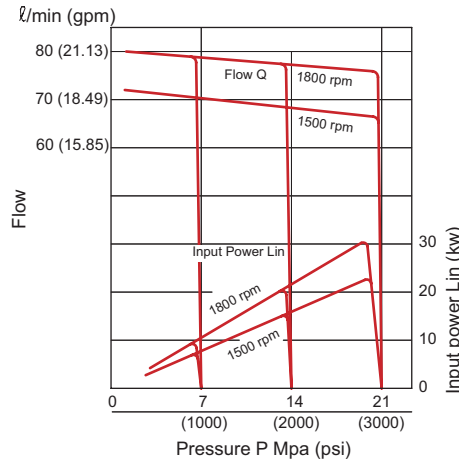
## Performance Data

Typical performance curves based on ISO VG32 Oil @120°F, (49°C)

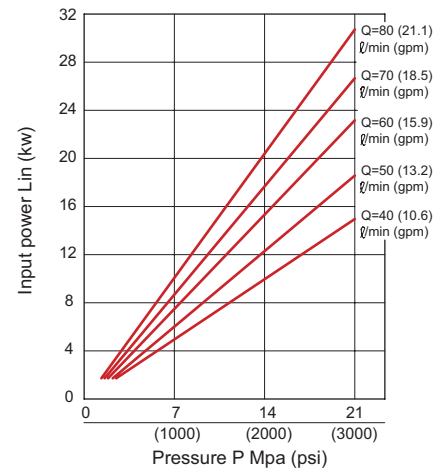
**Efficiency Curves**



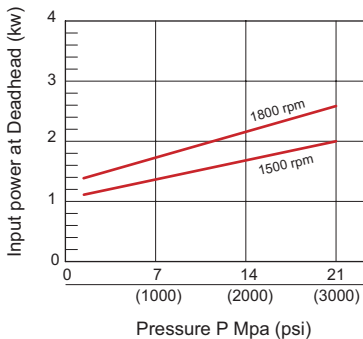
**Pressure vs Flow**



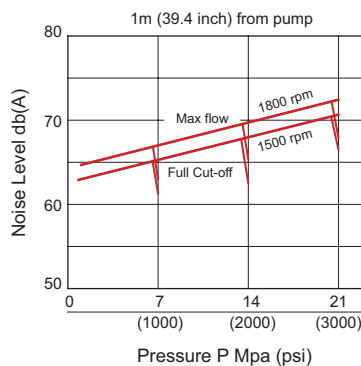
**Power Input**



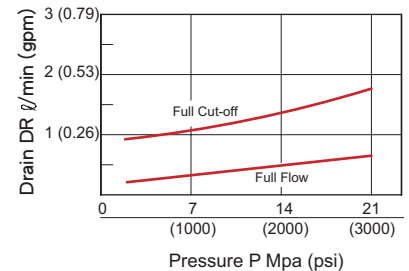
**Deadhead Power**



**Noise Level**



**Drain Curve**



# PISTON PUMPS

SERIES PCP16/ 21

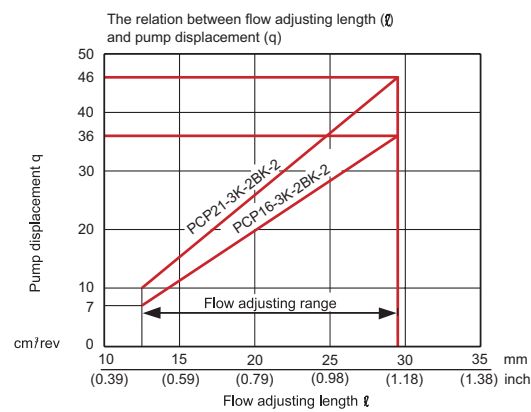
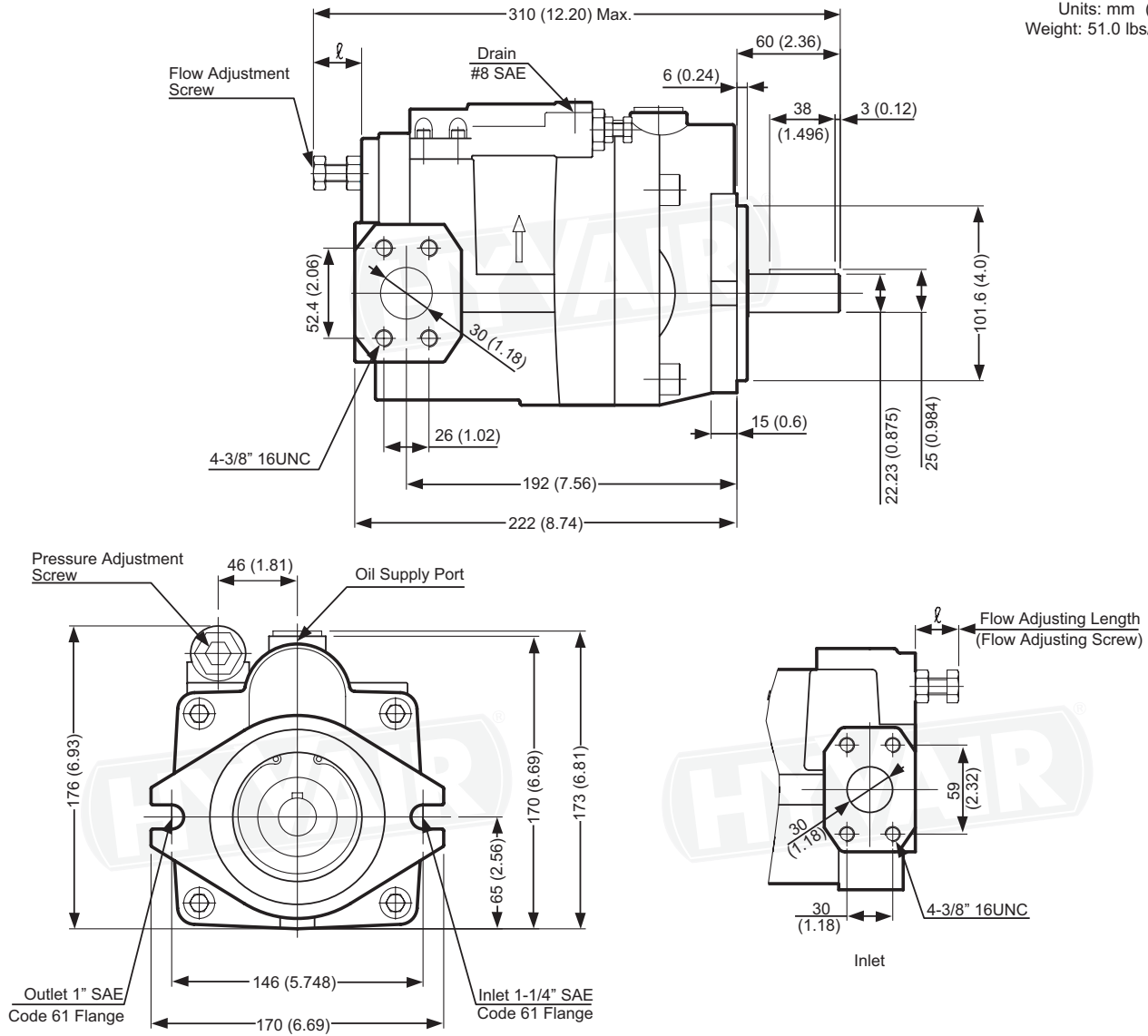


SAE B, 2-Bolt

## Dimensional Data

**PCP16/21-3K-2BK-2**

Units: mm (Inch)  
Weight: 51.0 lbs/ 23.0 kgs



# PISTON PUMPS

SERIES PCP16/ 21

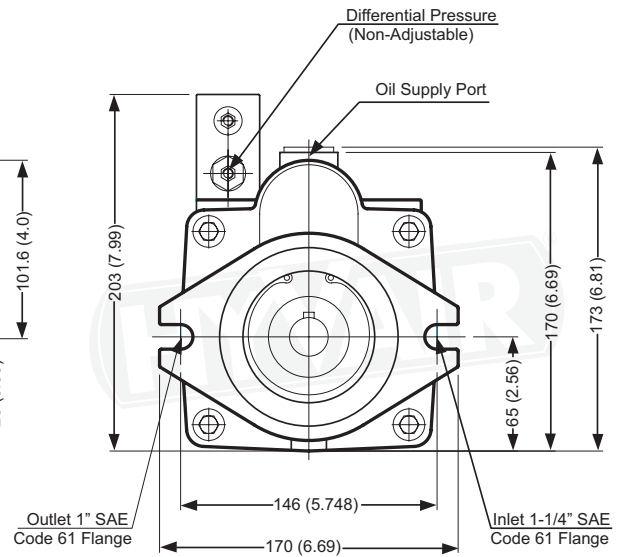
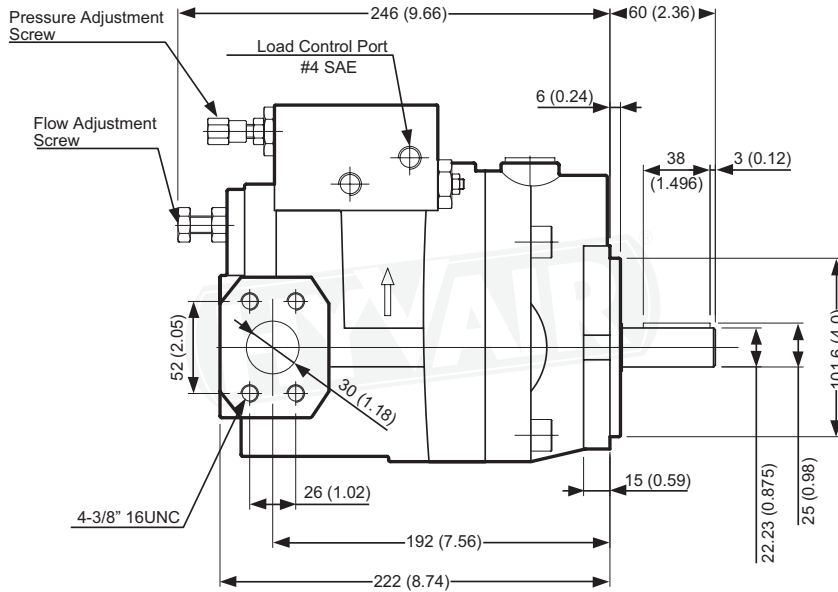


SAE B, 2-Bolt

## Dimensional Data

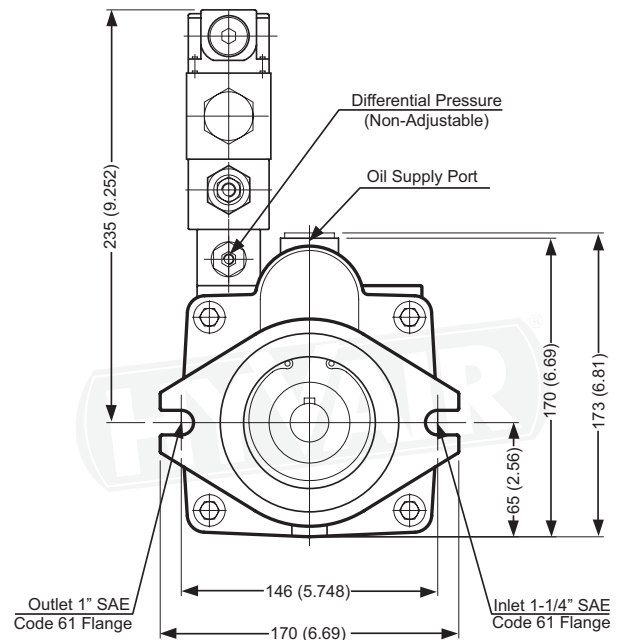
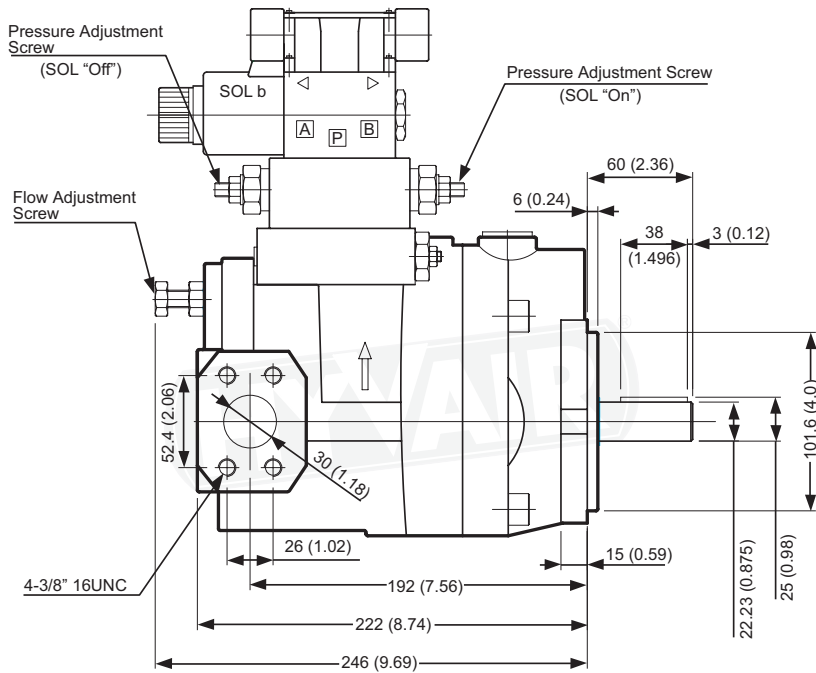
### PCP16/21-3K-2BK-2-LS

Units: mm (Inch)  
Weight: 52.1 lbs/ 23.6 kgs



### PCP16/21-3K-2BK-2-2PSO

Units: mm (Inch)  
Weight: 59.1 lbs/ 26.8 kgs



# PISTON PUMPS

SERIES PCP16/ 21

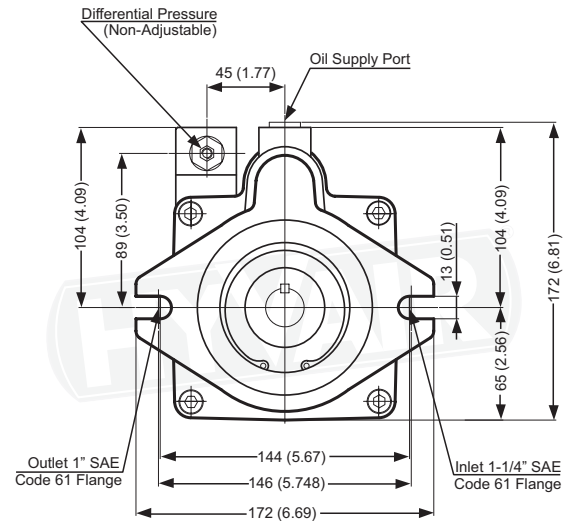
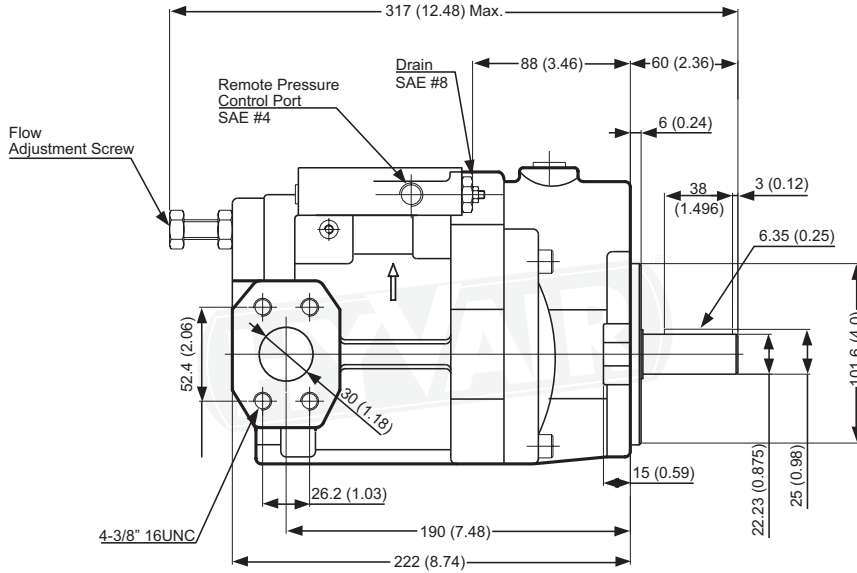


SAE B, 2-Bolt

## Dimensional Data

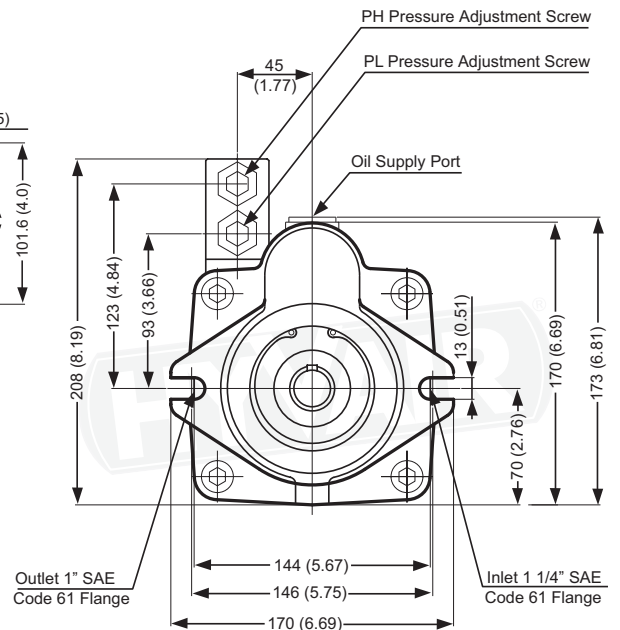
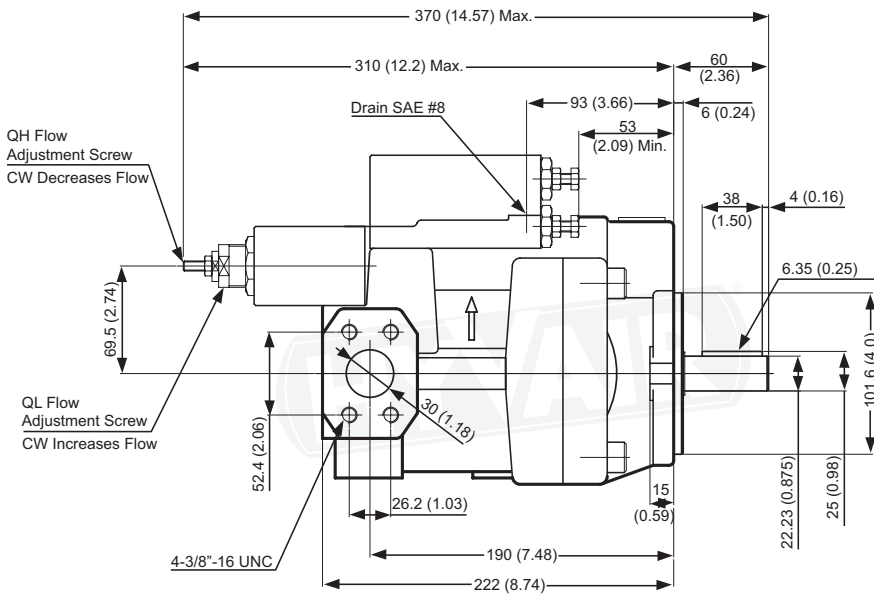
### PCP16/21-3K-2BK-2-RC

Units: mm (Inch)  
Weight: 51.0 lbs/ 23.0 kgs



### PCP16/21-3K-2BK-2-2P2F

Units: mm (Inch)  
Weight: 51.0 lbs/ 23.0 kgs



# PISTON PUMPS

SERIES PCP16/ 21

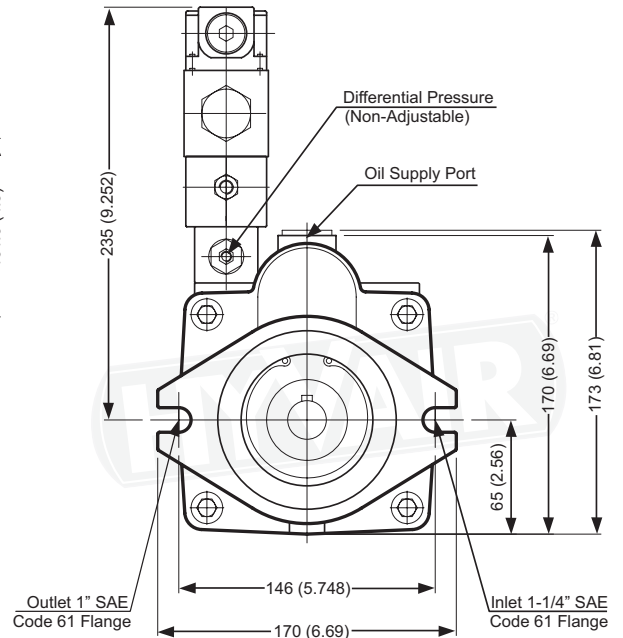
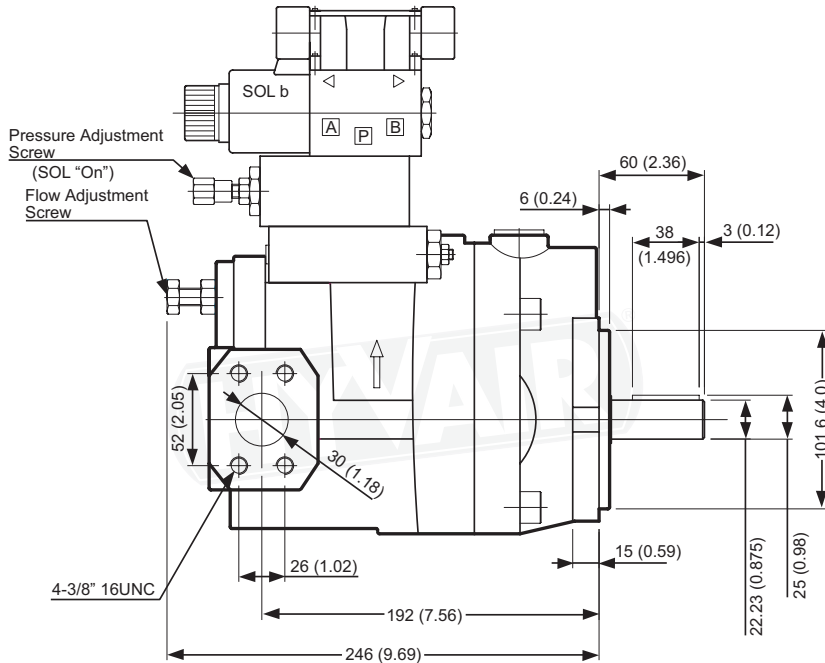


SAE B, 2-Bolt

## Dimensional Data

**PCP16/21-3K-2BK-2-SO**

Units: mm (Inch)  
Weight: 55.8 lbs/ 25.3 kgs



## Ordering Information

**PCP16 - 3K - 2BK - 2 - LS**

Note: Available right hand rotation (only)- viewed facing pump shaft

Size (GPM)
16
21

Code	Pressure Range
.5K	143-500 PSI
1K	286-1000 PSI
2K	500-2000 PSI
3K	500-3000 PSI

Code	Mounting Style
2BK	2-Bolt SAE B, 7/8" Dia. Keyed Shaft x 2.125" Long w/ 1/4" Key, w/ Flow Adj.

Series 2 Porting
Inlet- 1 1/4" SAE Code 61 Flange Outlet- 1" SAE Code 61 Flange Case Drain- #8 Female SAE

Code	Control Type
omit	Standard
RC	Remote Compensator
LS	Load Sensing
2PSO	Dual Pressure Solenoid
SO	Single Pressure Solenoid
2P2F	Two Pressure Two Flow

