

PCP4

### Specifications

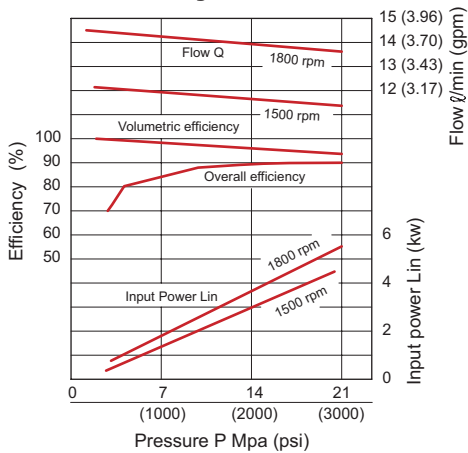
**PCP4** 1800 rpm, 3.8 gpm (at no load), 3000 psi max

Model	Pressure Range (psi)	Displacement per rev.	Flow @1800 rpm	Weight
PCP4-.5K-2AK-3	143-500	0.49 cu-in 8.0 cc	3.8 gpm (14.4 lpm)	17.0 lbs 7.7 kgs
PCP4-1K-2AK-3	286-1000			
PCP4-2K-2AK-3	500-2000			
PCP4-3K-2AK-3	500-3000			

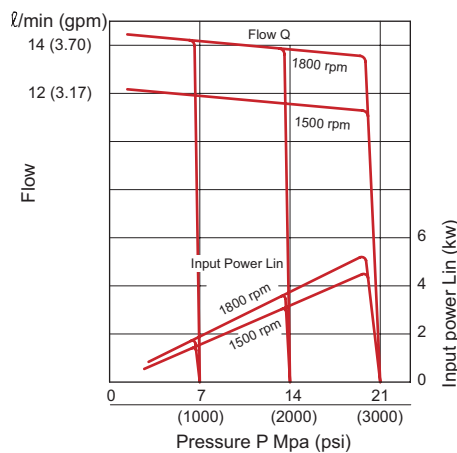
### Performance Data

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

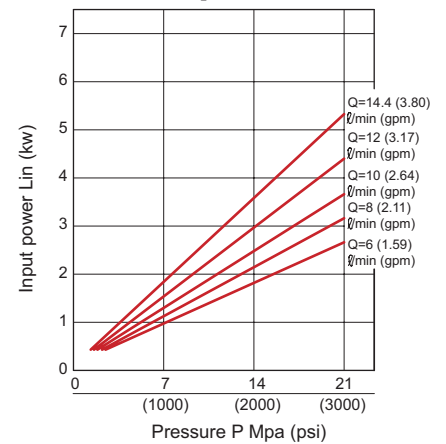
#### Efficiency Curves



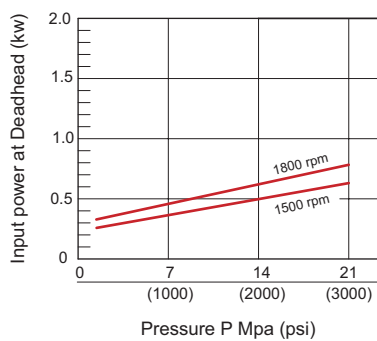
#### Pressure vs Flow



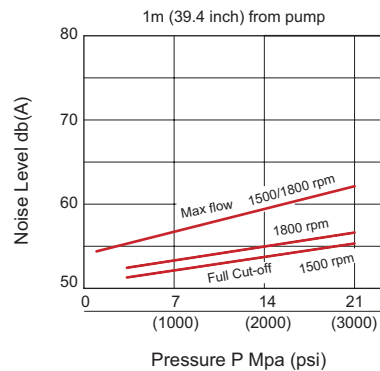
#### Power Input



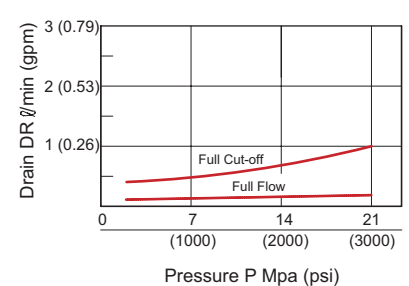
#### Deadhead Power



#### Noise Level



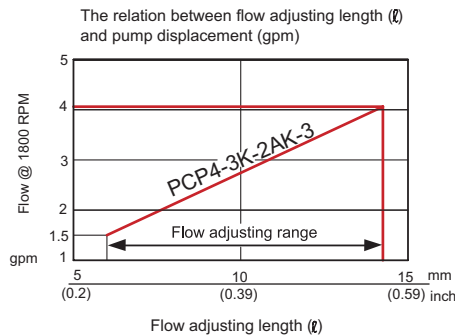
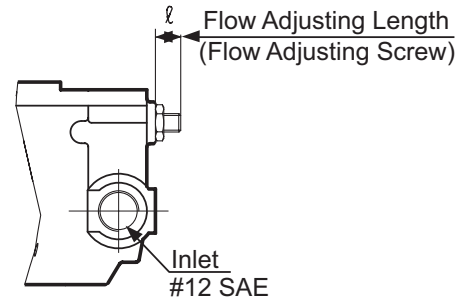
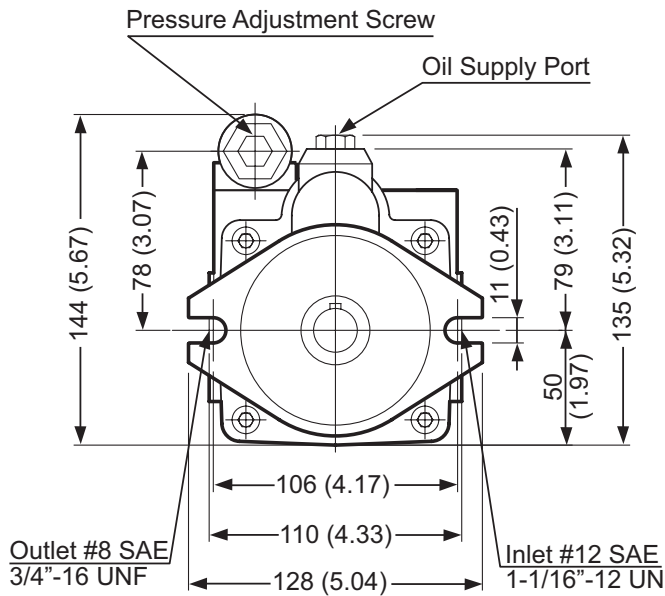
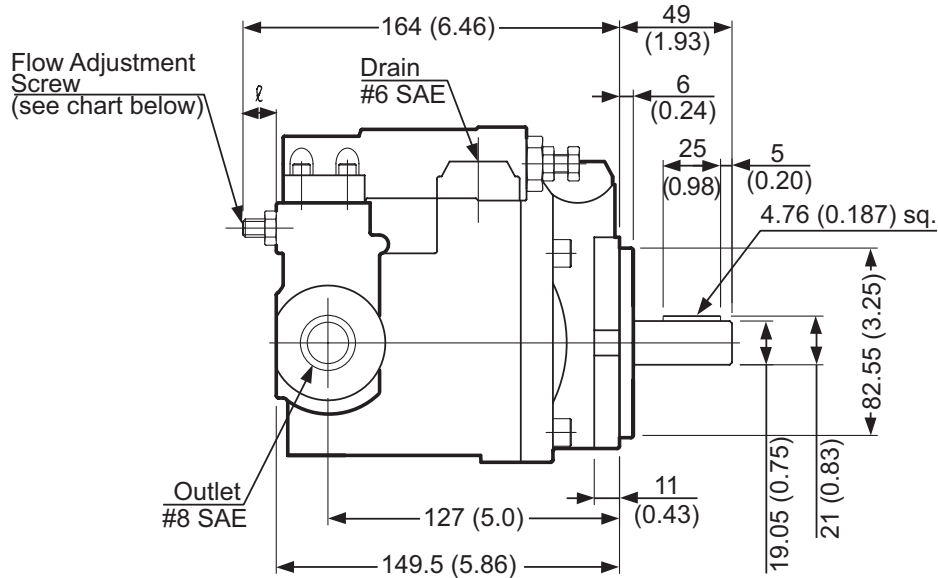
#### Drain Curve



**Dimensional Data**

**PCP4-3K-2AK-3**

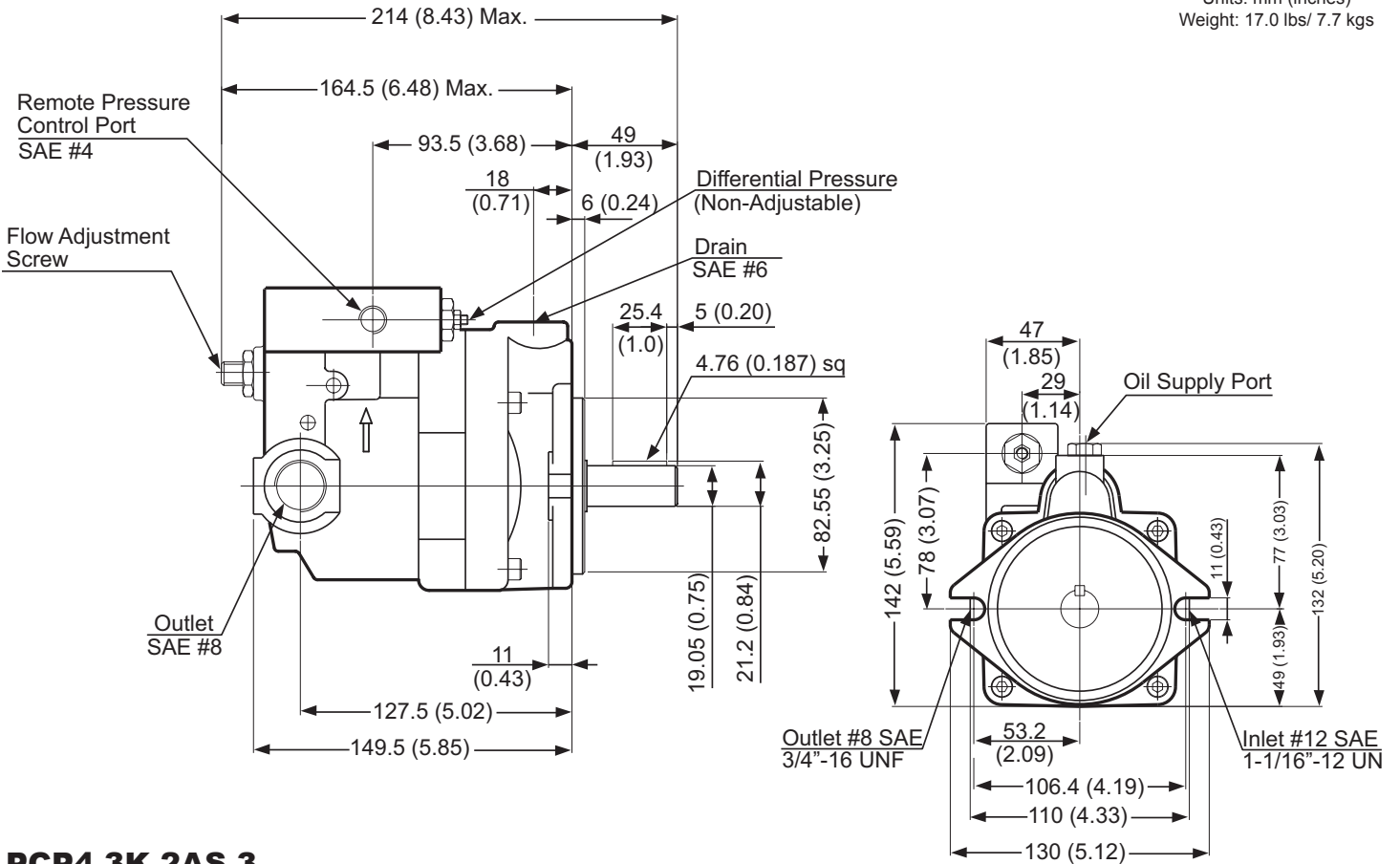
Units: mm (inches)  
Weight: 17.0 lbs/ 7.7 kgs



### Dimensional Data

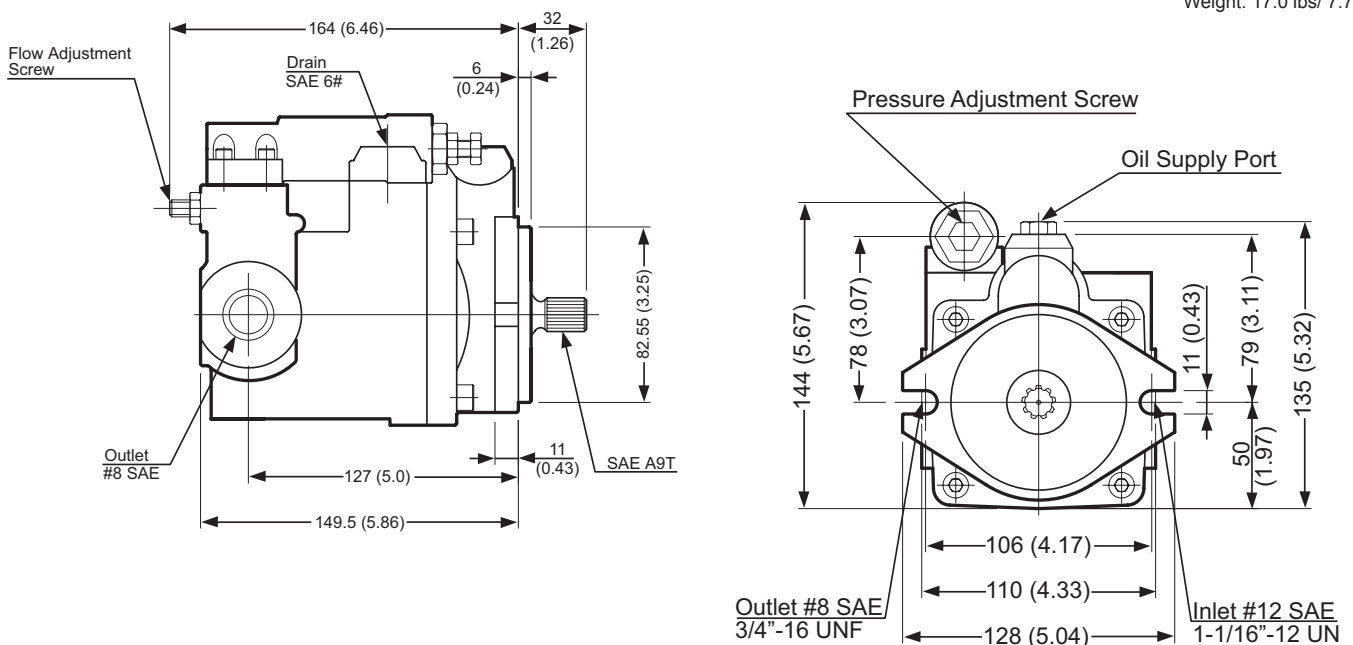
#### PCP4-3K-2AK-3-RC

Units: mm (inches)  
Weight: 17.0 lbs/ 7.7 kgs



#### PCP4-3K-2AS-3

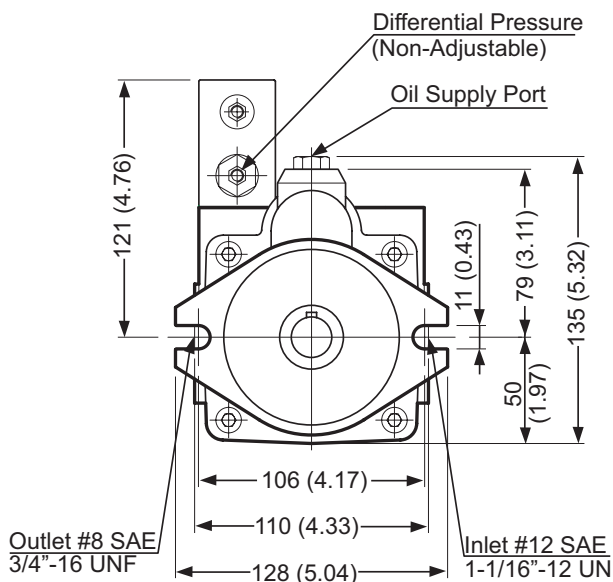
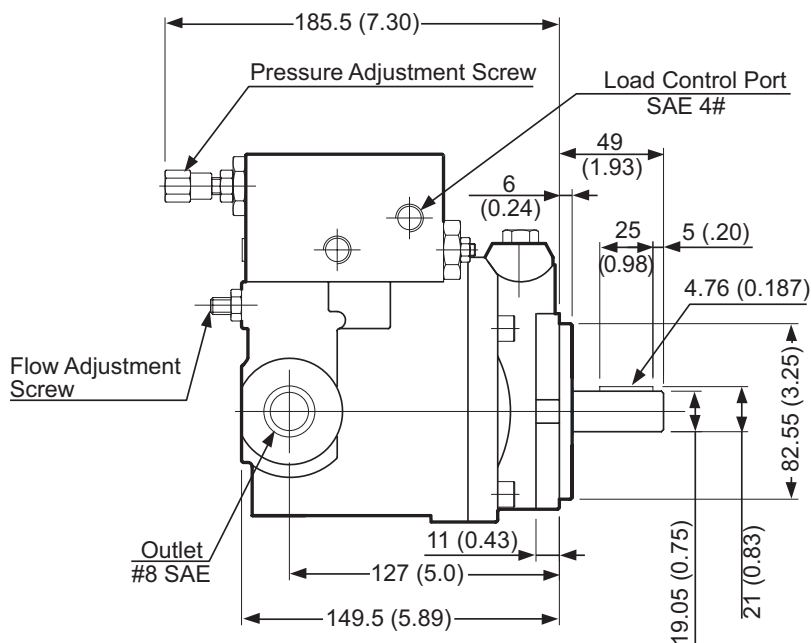
Units: mm (inches)  
Weight: 17.0 lbs/ 7.7 kgs



### Dimensional Data

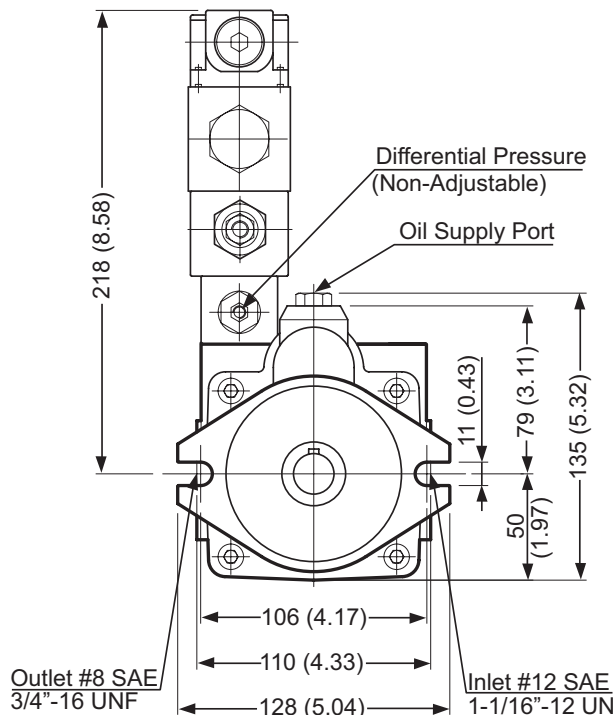
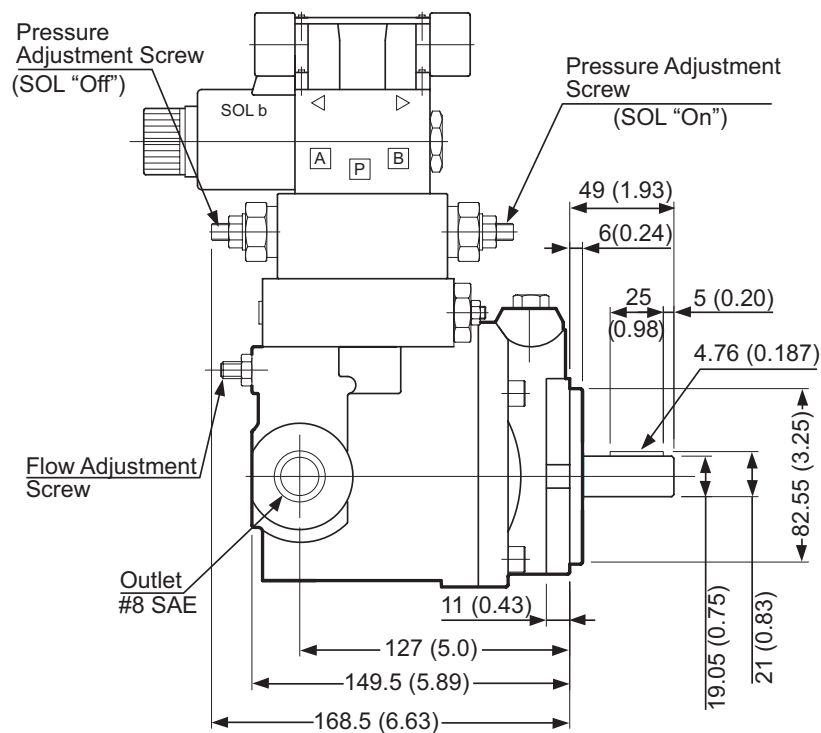
#### PCP4-3K-2AK-3-LS

Units: mm (inches)  
Weight: 18.1 lbs/ 8.2 kgs



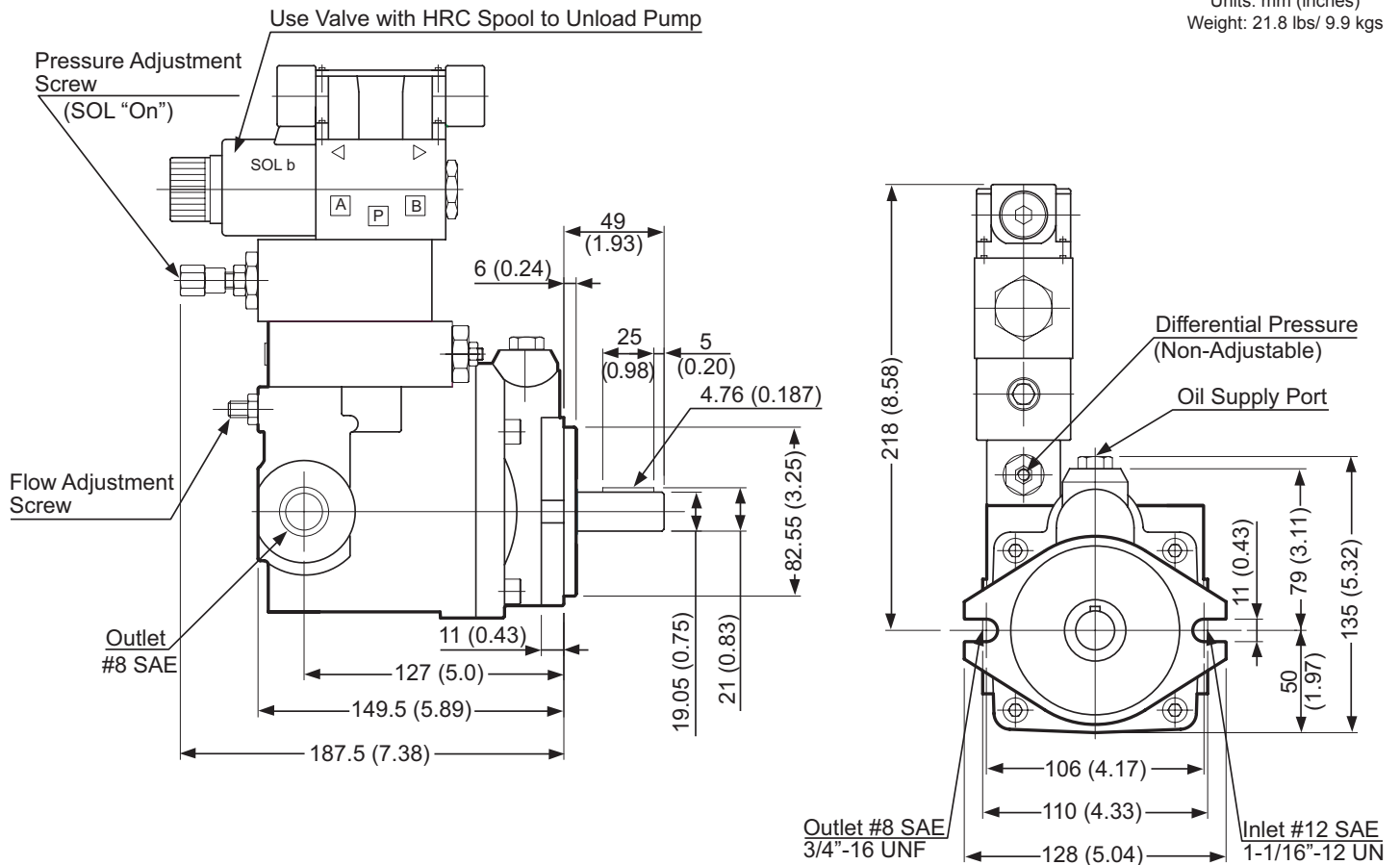
#### PCP4-3K-2AK-3-2PSO

Units: mm (inches)  
Weight: 25.1 lbs/ 11.4 kgs



### Dimensional Data

#### PCP4-3K-2AK-3-SO

 Units: mm (inches)  
 Weight: 21.8 lbs/ 9.9 kgs


### Ordering Information

#### PCP4 - 3K - 2AK - 3 - SO

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

Size (GPM)	Pressure Range	Mounting Style	Series 3 Porting	Control Type
4	.5K= 143-500 psi 1K= 286-1000 psi 2K= 500-2000 psi 3K= 500-3000 psi	2AK= 2 Bolt, SAE A, 3/4" Dia. Keyed Shaft x 1.67" Long w/ 3/16" Key w/ Flow Adj.  2AS= 2 Bolt, SAE A, 9 Tooth Spline, 16/32 DP	All Female SAE: #12 Inlet, #8 Outlet #6 Case Drain	omit= Standard RC= Remote Compensator LS= Load Sensing 2PSO= Dual Pressure Solenoid SO= Single Pressure Solenoid