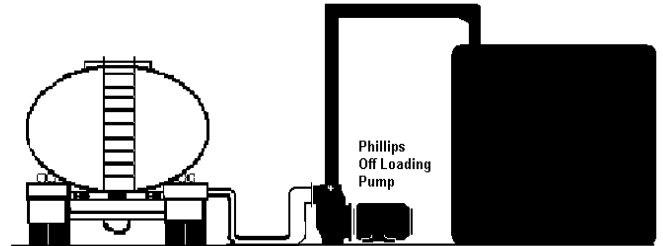


## Self-Priming Centrifugal Pumps For Transport Off-Loading Or Tank-To-Tank Transfer

Our cast iron self priming centrifugal pumps are the perfect answer for off-loading transports, transferring fuels to above ground storage tanks, from tank to tank, or from tank to loading rack or dispensers.

These pumps are direct coupled to standard NEMA frame, UL listed, totally enclosed fan cooled or Class-I Group D explosion proof electric motors. This direct coupled design allows the motor to be removed for service without disturbing the piping.



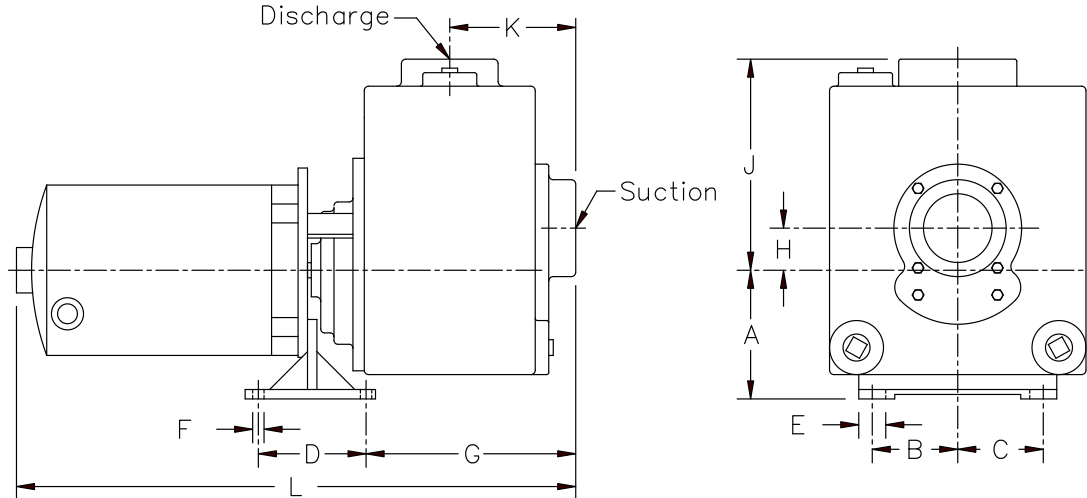
All fasteners are stainless steel to reduce corrosion, and dual volute impellers are balanced and trimmed to ensure non-loading conditions. The standard viton mechanical seal with stainless steel spring is self-adjusting and corrosion-resistant to any type of fuel.

### Features Include:

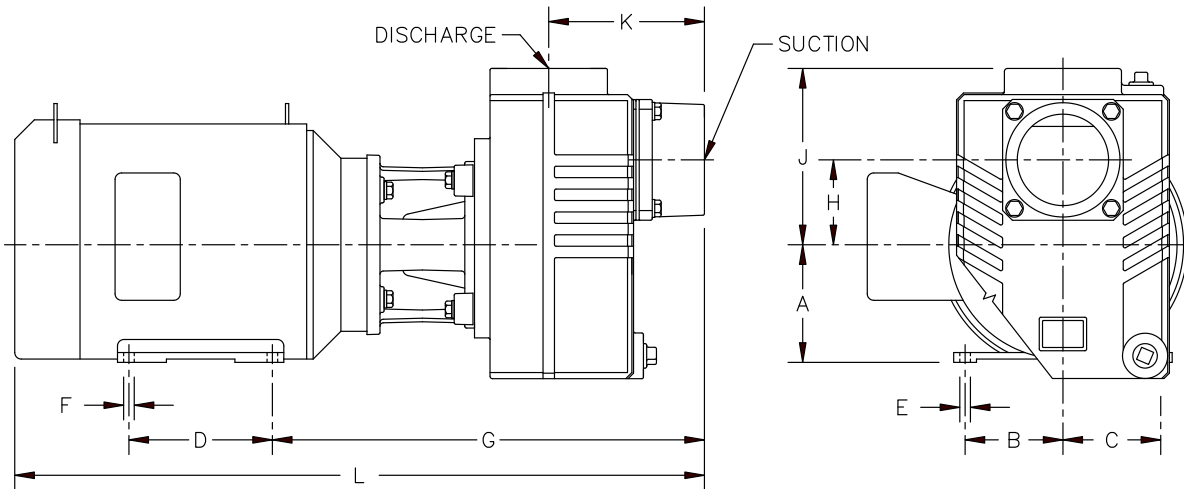
- Heavy duty cast iron housing
- Direct-coupled design allows the motor to be removed without disturbing the piping connections.
- Viton/ceramic self-adjusting mechanical shaft seal for fluid temperatures up to 212° F.
- Viton O-ring and flapper/check valve standard
- Sealed motor bearings on all motors carry radial and thrust loads of the pump.
- Maximum operating pressure is 125 PSI.
- Maximum operating temperature 212° F
- Can be used as a stand-alone transfer system for transport off-loading or for tank-to-tank transfer.
- Interfaces with our FPC-10 series pump controller for tank overflow protection and multi-tank flow control applications.
- Every pump is fully inspected and 100% factory tested.



Pump Series	Suction / Discharge	Motor HP	Flow (GPM) Vs. Feet of Head									
			10	20	30	40	50	60	70	80	90	100
P1	1.5" x 1.5" NPT	3/4	60	50	45	35	25	15	-	-	-	-
		1	80	70	65	55	45	30	10	-	-	-
		1 1/2	100	90	85	75	65	55	40	25	-	-
		2	120	110	100	90	80	70	60	40	10	-
P2	2" x 2" NPT	1 1/2	110	100	90	75	60	50	30	-	-	-
		2	130	115	105	90	75	60	40	20	-	-
		3	150	135	125	110	100	80	70	50	25	-
P3	3" x 3" NPT	3	250	225	200	170	125	75	-	-	-	-
		5	300	275	260	230	215	180	140	100	-	-
		7 1/2	375	355	340	320	290	265	230	200	150	100

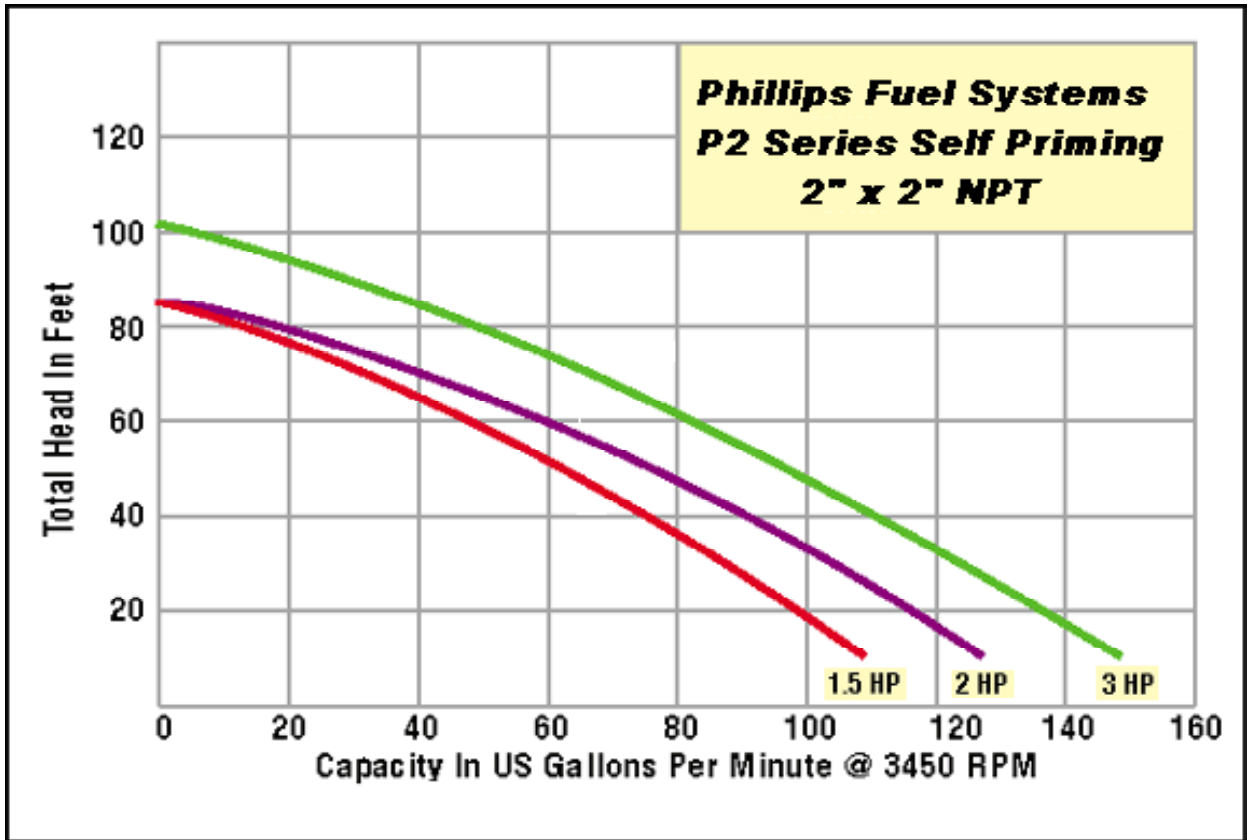
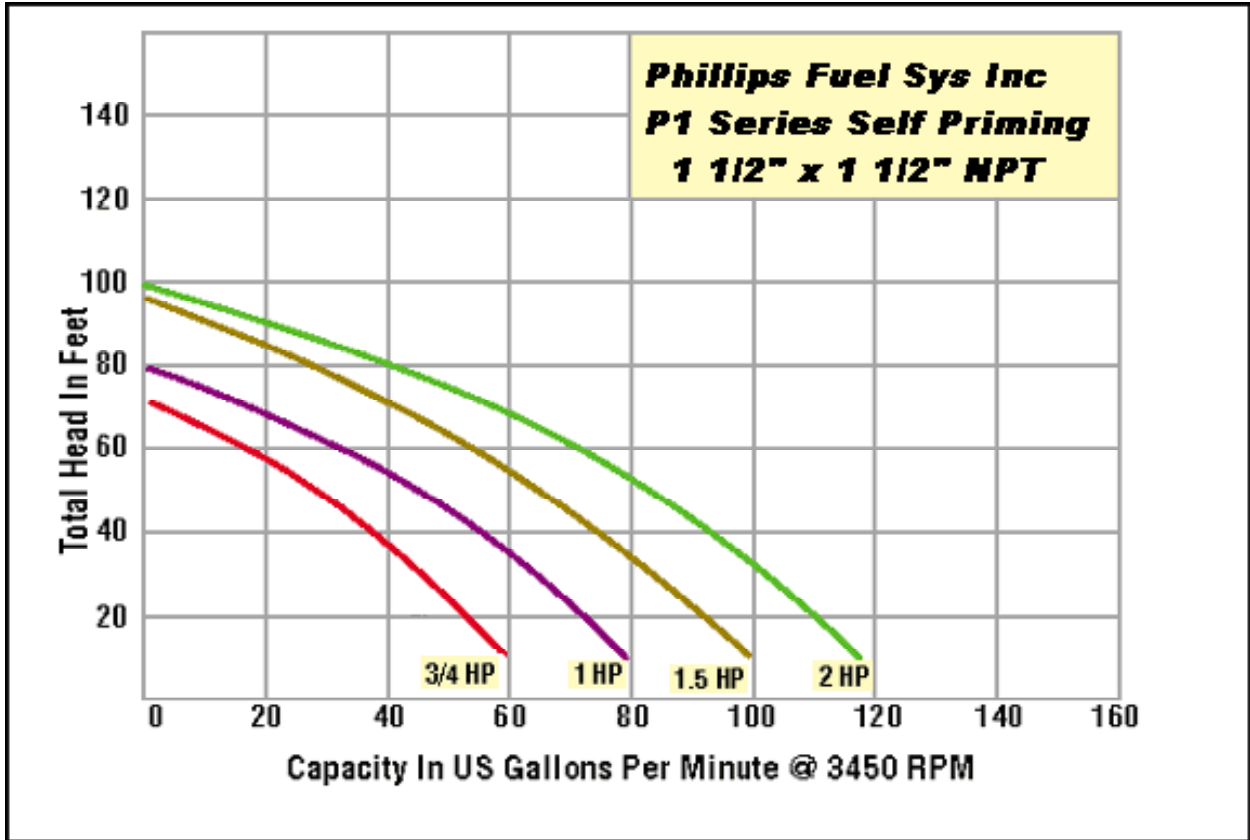


Pump Series	Suction / Discharge	Motor HP	Dimensions (Inches)										
			L	A	B	C	D	E	F	G	H	J	K
P1	1.5" x 1.5" NPT	1	19.5	4.5	2.3	2.3	3.0	.5	.8	5.4	.9	5.1	3.5
		1 1/2											
		2											
P2	2" x 2" NPT	1 1/2	21.5	4.5	2.3	2.3	3.0	.5	.8	6.8	1.2	6.7	4.8
		2											
		3											



Pump Series	Suction / Discharge	Motor HP	Dimensions (Inches)										
			L	A	B	C	D	E	F	G	H	J	K
P3	3" x 3" NPT	3	28	3.5	2.8	2.8	5.0	.34	.34	16.6	3.3	6.8	6.0
		5											
		7 1/2											

# PHILLIPS FUEL SYSTEMS



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