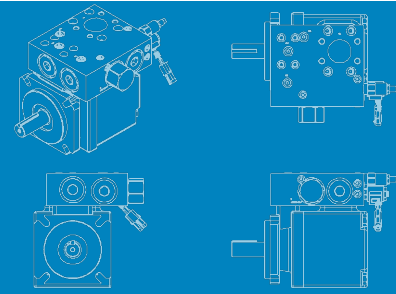


Unloading manifold designed for PT7DSW Vane Pumps

M001 Manifold

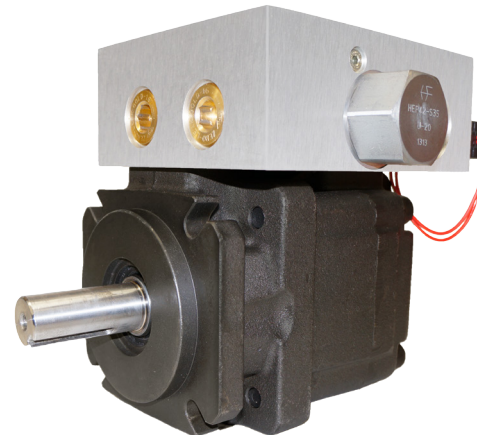
Precision-Engineered Fluid Power Products



The Sensible Choice for Pumps & Motors



Designed and perfected
for Refuse fleet
applications



Features

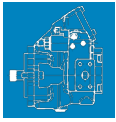
M001 system provides operators the ability to collect and pack at any engine speed while the function speeds remain constant. This feature makes the Permco EVO-Lution M001 Refuse System ideal for refuse trucks that operate while moving from a location to next.

Significant reduction in cost of operation

Based on Permco's EVO PT7DSW vane pumps, The M001 System offers a high level of flow at low RPM while the truck is at rest. When the driver starts to move the truck, the pump's flow is automatically divided. While a constant flow is supplied to the truck's hydraulic system, the excessive flow generated by higher engine rpm is redirected back to the pump's inlet at a very low pressure drop; thus allowing:

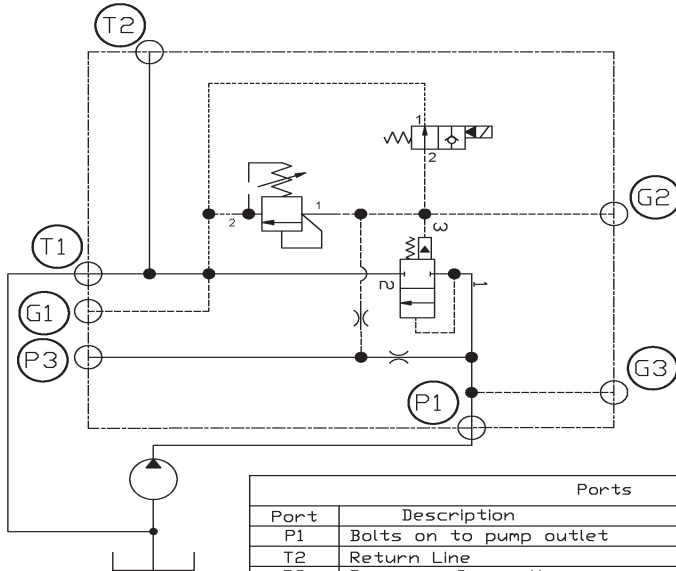
- Production of high flow level from a relatively small reservoir
- Minimum heat generation due to over-sized internal passages with-in the manifold.
- The option to unload pump through an unloading solenoid.
- Safety Relief Valve.
- The aluminum unloading block Mounts directly on the split flange ports of the PT7DSW EVO pump.
- SAE ORB pressure ports





M001 Manifold

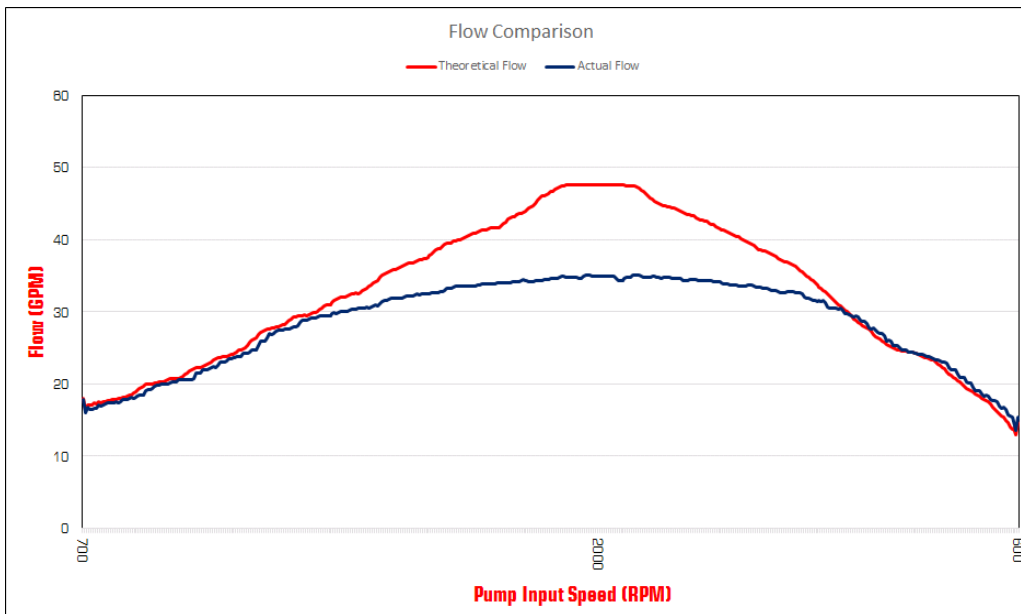
Schematic:



Ports		
Port	Description	Size
P1	Bolts on to pump outlet	1 1/4" 4Bolt SAE Flange
T2	Return Line	2" 4Bolt SAE Flange
P3	Pressure Connection	-20 SAE O-Ring
G1	Gauge Port	-4 SAE O-Ring
G2	Gauge Port	-4 SAE O-Ring
G3	Gauge Port	-4 SAE O-Ring
T1	Bolts on to pump Inlet	2 1/2" 4Bolt SAE Flange



Permco is a leading manufacturer of high-pressure hydraulic gear, vane and piston pumps and motors, flow dividers and motors, flow dividers, intensifiers, and accessories. Available in a wide variety of sizes and configurations to suit your application needs.



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