

Hyster Forklift Water Pumps

Connected to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. The pump then circulates fluid if the engine is running.

Making use of centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be constantly drawn from the center of the pump. The pump inlet is placed near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it enters the engine.

The fluid initially flows throughout the cylinder head and engine block prior to exiting the pump. Then the fluid goes into the radiator before finally returning to the pump.