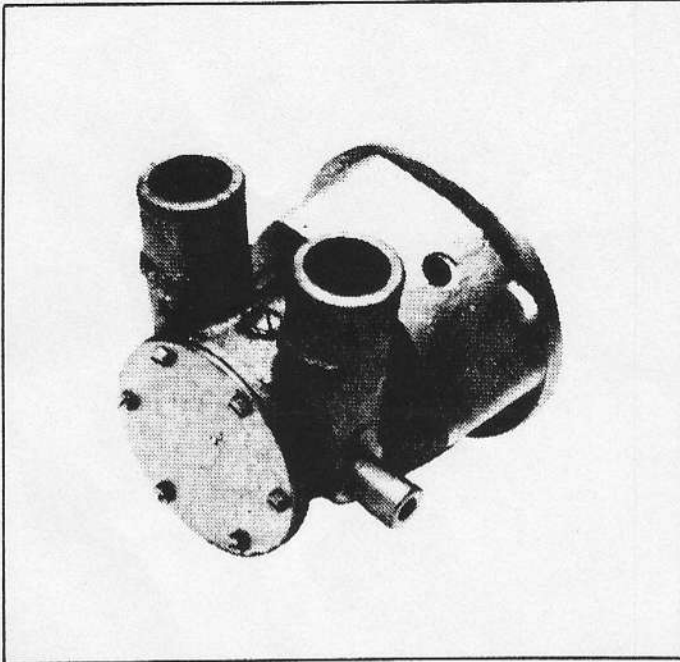




# Model 22740-0351

Model 22740-0351



## PUMP FEATURE

**Pump Body:** Bronze  
**Impeller:** Jabsco Neoprene Compound  
**Shaft:** 316 Stainless Steel  
**Shaft Seal:** Buna N Lip Seal  
**Ports:** 1 1/4" Hose Barb  
**Weight:** 4 lb. 6 oz. (1,95 kg)

## APPLICATION

Marine Engine Cooling  
 For Engine Models:

Volvo V-8 (Chevrolet Block)

Alaska Marine Engine  
 4219, 4276DT, 6414DT

Hardin Marine

Indmar Marine

Kaama

## INSTALLATION

This pump has been designed to mount inside the crankshaft pulley of the Volvo V-8 (Chevrolet 350 CI block) engines. Other engines listed have the pump mounted on adaptor flanges. The maximum engine speed of the pump is 5200 RPM. The maximum recommended discharge head is 20 feet (6 m) or 9 PSI. When the pump is installed to operate at maximum RPM, the installation design must minimize suction head (a high speed scoop on the hull fitting is recommended).

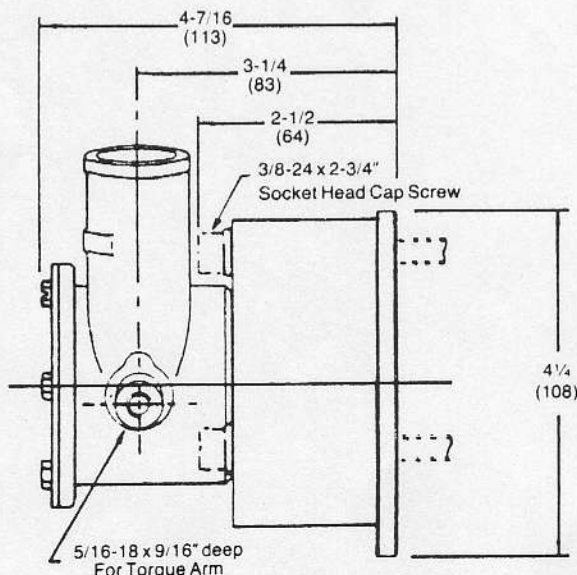
For installations where the pump is to be mounted on the crankshaft pulley, remove all belts that run off the crankshaft pulley. Remove bolts securing the crankshaft to the vibration dampener. This pump may be secured to pulley/dampener by using either Volvo mounting studs (Volvo part no. 826500-1) or 3/8-24 x 2-3/4" socket head (allen type) cap screw. If mounting with Volvo studs, install studs into vibration dampener.

Install pulley over studs on the vibration dampener and place the pump in the pulley. Make sure that the locator bosses on the vibration dampener are properly aligned with the locator bosses in the pulley and the holes in the pump bearing housing. Install flat washers, lock washers and 5/16-24 nuts on studs and tighten evenly. The flat washers should overlap both the pump bearing housing and the pump bearing outer race.

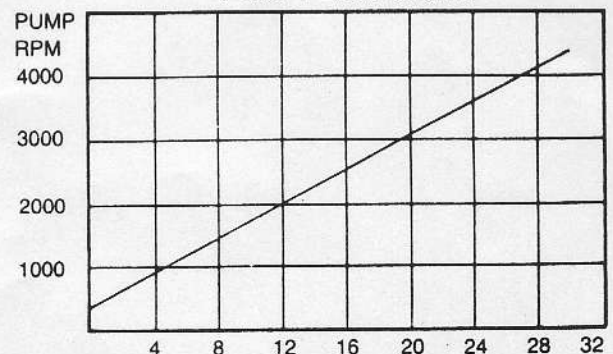
If mounting with caphead screws, remove pump end cover and align flat in end cover flange with a mounting hole in bearing housing. Position pump in pulley against vibration dampener and install first cap screw. Rotate pump body in 120° increments to install remainder of screws.

Replace all belts on the crankshaft pulley. Attach a torque arm/bracket from the torque arm boss on the pump to a convenient bolt on the engine. This torque arm must not impose a side force on the pump assembly. This could shorten bearing life in high RPM service.

Attach and double clamp the intake and discharge hoses (1-1/4" ID) to the pump ports. Be sure the hoses do not impose a side force on the pump assembly. This could shorten pump bearing life in high RPM service. Hoses should be flexible and supported by the engine (not the pump). Start the engine and run at low speeds. Check the installation for leaks or vibration.



## PUMP FLOW CHART



APPROXIMATE FLOW IN US GPM AT 10 PSI DISCHARGE PRESSURE

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For technical advice or service please take your pump into your local pump service center.  
To order pump or parts or for pricing please go to the following links :

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[Jabsco Pumps stock list >>](#)