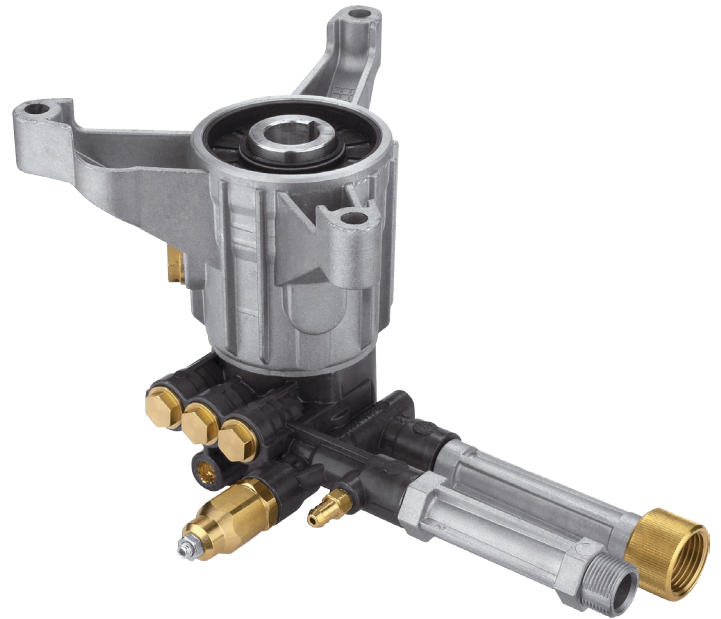


DESCRIPTION

This plunger pump will pump up to 2 GPM at 2500 PSI. It spins at 3400 RPM in a direct drive system coupled with a gasoline engine. The matching flange provides convenient connection to most 7/8" shaft 1.1 - 5.5 HP engines. The hollow shafted pump includes a built-in pressure control valve, and chemical injection system.



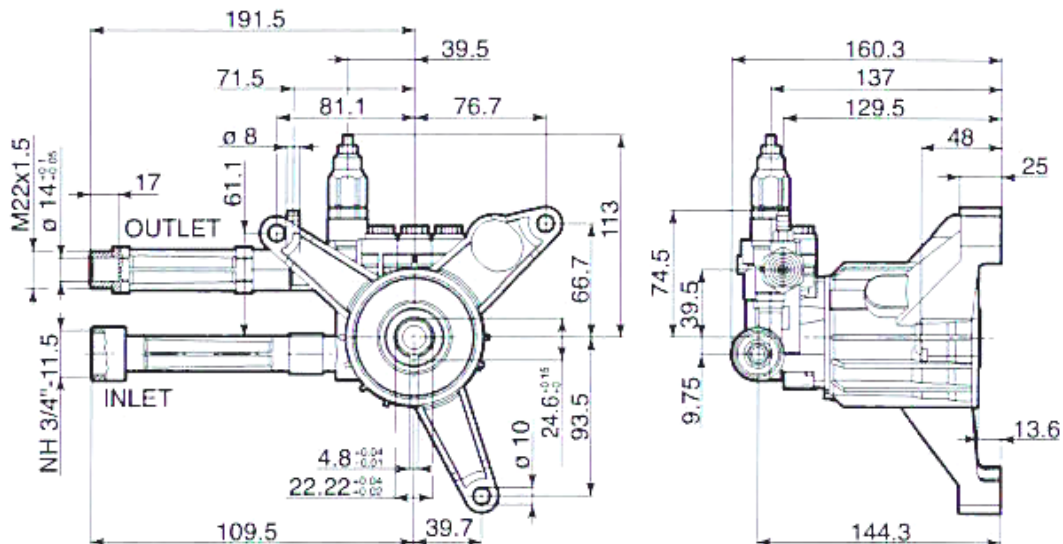
SPECIFICATIONS

MAX GPM	2	MAX LMP	7.6
MAX PSI	2500	MAX BAR	172
POWER EBHP	3.4	BORE DIA. MM	12
STROKE MM	8.3	WEIGHT LBS	7.7
MAX TEMP	140°	OIL CAPACITY	2.2oz
INLET THREAD	3/4" GH	DISCHARGE THREAD	22MM

DIMENSIONS

RMW

D version
Hollow shaft pump \varnothing 7/8"



SPECIAL FEATURES

WET END

- **Manifold:**
 - **Forged Brass:** Strength and no porosity - long life. Higher hydrostatic pressures - safety.
 - **Unloader:** Integral trap pressure, fixed chemical injector. Simple repair using a cartridge replacement kit.
 - **Bolts:** Three bolts, 6mm grade 8.8.
- **Valves:**
 - **Ultra Form Cages:** Durable, strong, and long life.
 - **Poppets and Spring:** 303 series stainless steel.
 - **Valve Seat:** Brass with an external sealing o-ring on both inlet and discharge valves.
 - **Valve Caps:** Machined brass for greater strength.
- **Packing and Plungers:** Dual seal system.
 - **High Pressure Packing and Low-Pressure Seals:** "U" cup double lip Buna-N for a good positive seat.
 - **Support and Guides:** Special anti-wear plastic, 1-piece construction to assure proper plunger alignment, maximize packing and seal life and prevent plunger wear and damage.
 - **Plungers:** Solid hardened stainless steel, strong and durable.

DRIVE END

- **Bearings:** Oversized ball bearing stabilizes the crankshaft and one needle style thrust bearing absorbs the plunger load and assures long radial plate life.
- **Crankcase:** Precision die-cast, with cooling fins for maximum heat dissipation. The housing retains the crankshaft bearing, oil seal and rear wobble plate bearing support washer.
- **Crankshaft/Wobble Plate:** Precision die-cast to assure proper stroke, duration and alignment.
- **Oil Seals and O-rings:** All are constructed of Buna-N rubber. The oil seals have stainless steel garder springs to assure constant tension on the sealing surface.
- **Oil Capacity:** 2.3 oz.

- **Ports:**
 - **Inlet Port:** Is supplied with a standard brass garden hose connection with inlet strainer.
 - **Discharge Port:** Is supplied with 3/8" M connection.
 - **Accessory Ports:** All models have a 1/4" F port on the inlet side of the manifold.

EXTRA FEATURES

- **Dyno Proven:** All pumps are dyno tested to assure the theoretical design meets the actual design.
- **Valve Design:** Each pump series has a valve design that optimizes its highest efficiency.
- **Wet End Repair:** Very simple no special tools required.
- **Design:** Using advanced fluid handling design programs. Overall pump efficiency is increased.