

# SELF-PRIMING ENGINE DRIVEN PUMP

**27M - 13 HP**

Suction: 4"

Discharge: 4"



## SUCTION

4" NPT female, horizontal, bolt on flange.

## DISCHARGE

4" NPT female, vertical.

## BODY

Cast iron ASTM A-48 class 30, replaceable.

## VOLUTE

Cast iron ASTM A-48 class 30, replaceable.

## INTERMEDIATE

Cast iron ASTM A-48 class 30.

## IMPELLER

**Design:** 3 vanes, semi-open with a spherical solid handling of 7/8", statically balanced.

**Material:** cast iron ASTM A-48 class 30.

## CHECKVALVE

**Valve:** flap-neoprene.

**Weight:** steel.

## O-RINGS

Buna-N.

## ADJUSTMENT SHIMS

Stainless steel.

## SEAL

**Design:** mechanical, self lubrication.

**Material:** ceramic stationary part, carbon ring seal and exclusion in the rotating part. Buna-N elastomer and stainless steel spring.

## STRAINER

Steel.

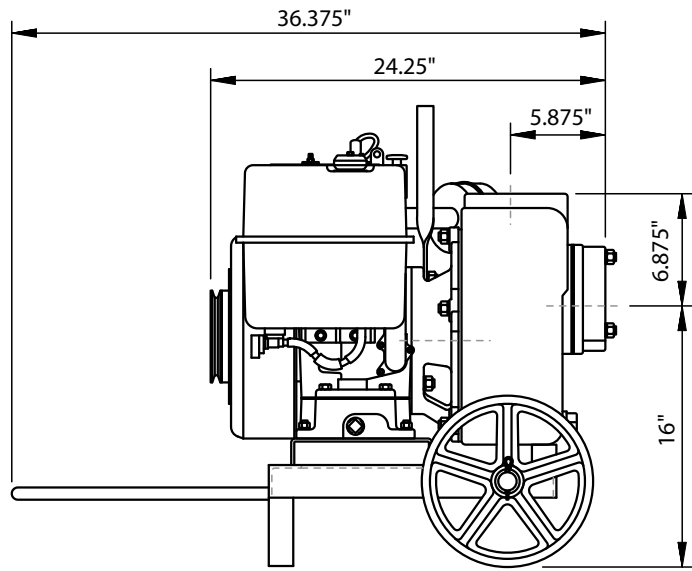
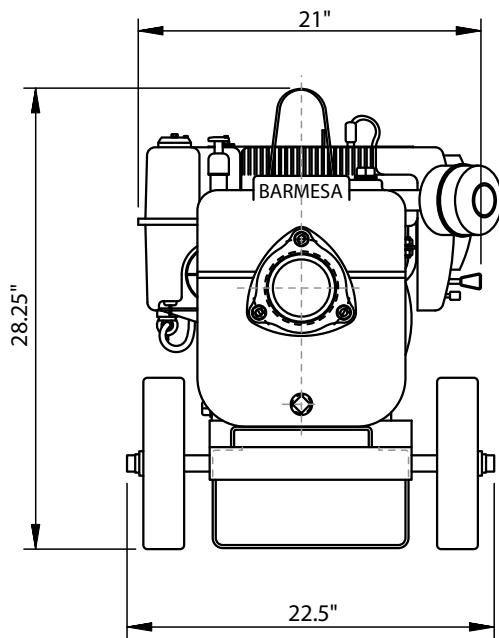
## ENGINES

Assembled to a gasoline engine, single-cylinder, 4-stroke OHV, air-cooled.

## MOUNTING

- ▶ Base mounted
- ▶ On skid with iron or rubber wheels or pneumatic 5.6" x 15" tires.

ENGINE	MODEL	HP	FUEL	STARTING
Honda	GX390	13	Gasoline	Electric



**PERFORMANCE CHART**

MODEL & SIZE	TOTAL DYNAMIC HEAD W/ FRICTION (feet)	TOTAL PUMP HEIGHT OVER THE SEA LEVEL (feet)				
		5	10	15	20	25
		GALLONS PER MINUTE				
27M 4"	19.7	451.5	394.4	332.3	270	211.9
	29.5	441.2	389.4	328.9	266.5	209.5
	39.4	430.6	384.1	327	264.7	208.4
	49.2	415.3	373.5	323.6	261.5	207.6
	59.1	394.4	363.2	321.8	259.4	205.5
	68.9	368.5	352.9	311.5	254.4	202.4
	78.7	342.6	332.3	300.9	249.1	197.3
	88.6	311.5	311.5	290.6	238.5	186.8
	98.4	270	270	270	228.2	181.5
	111.5	228.2	228.2	228.2	217.9	171.2
	121.4	192.1	192.1	192.1	186.8	158.2
	131.2	148.5	148.5	148.5	148.5	135
	141.1	103.8	104.6	103.8	103.8	103.8
	150.9	57.1	57.1	57.1	57.1	57.1
	160.8	15.3	15.3	15.3	15.3	15.3

**IMPORTANT!**

1. Never use this pump to handle explosive liquids.
2. This pump is not approved to be used in swimming pools, recreational installations or any application where human contact may be common.
3. Pump may be operated "dry" for extended periods without damage to motor and/or seals.