

Specifications

24" Whale Trailer Pump

Specifications are for a trailer centrifugal pump powered by tractor pto, rubber discharge hose, and hose clamp.

Centrifugal pump shall be weld fabricated and attached to a two-wheel trailer. Pump shall operate in a submerged position with no priming or suction hose. Pump shall be capable of producing 17,000 gallons per minute at 15 feet of total head with 145 continuous horsepower. Maximum pump speed shall be 540 RPM. (See attached curve)

Pump shall be of a centrifugal radial flow type with all mild steel fabrication. Impeller shall have a double suction and the casing shall have a double volute. Casing and impeller shall be fabricated of A36 Steel plate. A steel discharge pipe of 24" diameter and a 24" ninety-degree long radius elbow shall convey the water to the front of the trailer. An air relief valve shall be attached to the pipe. The trailer shall have a minimum length of 28 feet. Pump shall have an elbow at the discharge for connection of the 24" rubber hose by a stainless steel clamp.

Pump drive shaft shall be a minimum of 3" diameter ASTM carbon 1045 PSQ shafting and 20 feet in length. Shaft bearings shall be Dodge sealed bearings with lubrication lines run to the front of the trailer from each bearing. Bottom casing bearings shall be marine bearings lubricated by the water being pumped.

All exposed parts shall be sandblasted, primed, and coated with enamel paint.

Pump shall have a 5000-pound road-worthy axle and 15" 10 ply tires. The trailer hitch shall be a pin hitch.

Discharge hose shall be fifty foot in length and shall be made of butyl rubber. Hose shall fit over the pump discharge pipe and be fastened with a clamp

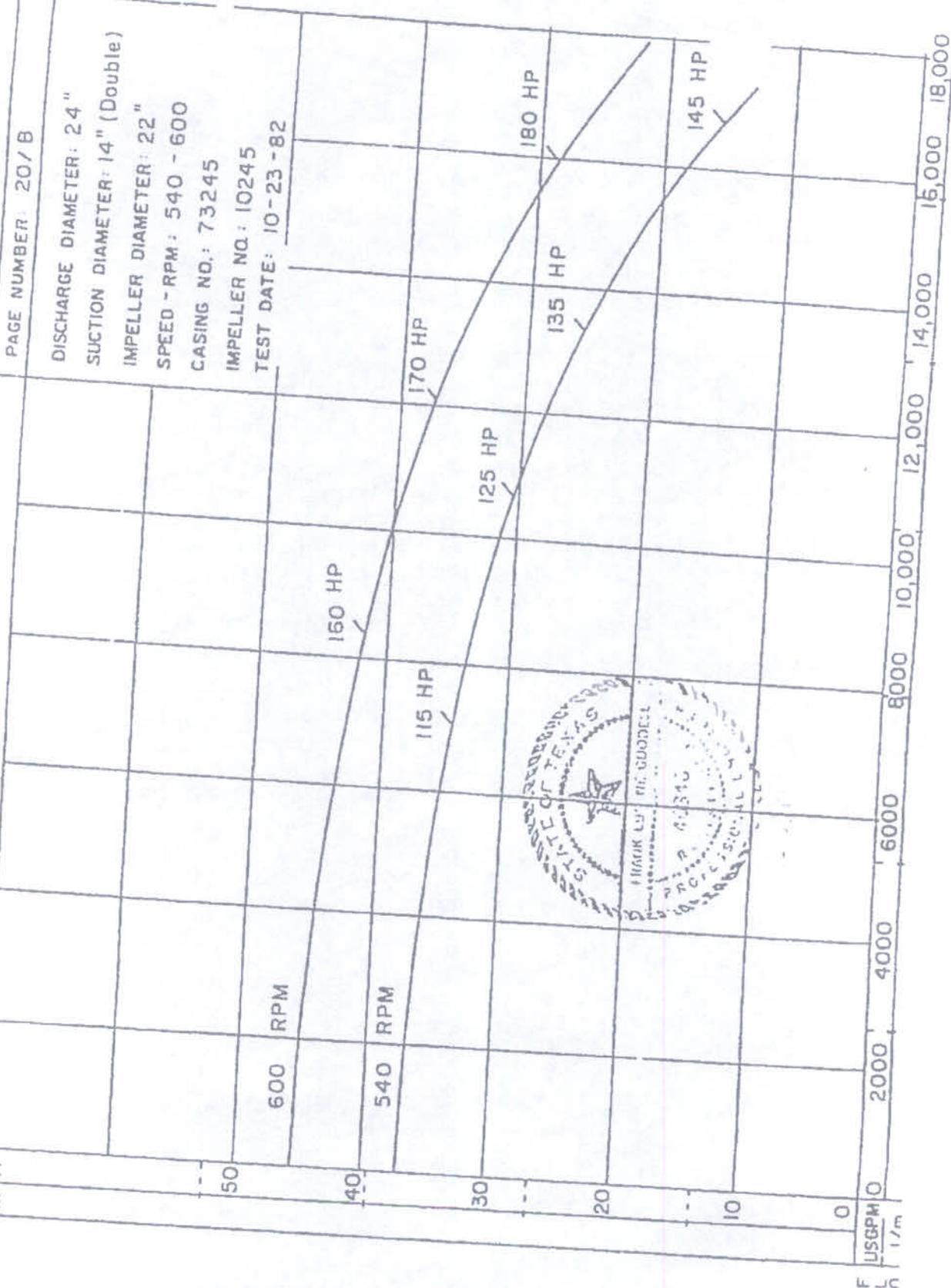
GATOR PUMP, INC

PAGE NUMBER: 20/B

DISCHARGE DIAMETER: 24"
 SUCTION DIAMETER: 14" (Double)
 IMPELLER DIAMETER: 22"
 SPEED - RPM: 540 - 600
 CASING NO.: 73245
 IMPELLER NO.: 10245
 TEST DATE: 10-23-82

PUMP MODEL 24" Trailer Pump

Total Head
 m / ft



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