

GASO PUMPS

**FIG. 3365
FLUID END SPECIFICATIONS**

Fluid End Body. Castings are of molybdenum-alloy iron for crude oil and fresh water service, and cast steel for pumping petroleum products in hazardous locations. Normally, aluminum bronze alloys are used for saltwater and other corrosive liquids. However, other special alloys can be furnished upon request.

Cylinder Heads and Valve Covers. These are heavy section castings of material to match that of the fluid body. They are bolted to fluid end bodies with large high strength corrosion resistant studs.

Valves. Stem guided monel or delrin disc type valves and aluminum bronze seats with shoulder, inconel springs, monel jam nut and bronze guard. Suction and discharge valves are interchangeable with each other and with Fig. 3467 pumps. Other materials are available.

Plunger Lubrication. Zerk grease fittings are supplied with each pump for non-critical conditions. When salt water or extremely dry fluids, such as butane, are being handled, a 3-feed force-feed lubricator is recommended. This can be mounted on top of power frame and belt driven from special crankshaft extension. Separate oil lines run to each stuffing box.

Plungers. Various plunger materials are available. These are file hard steel, Colmonoy surfaced steel, solid ceramic and chrome plated steel. These are interchangeable with Fig. 3364 pumps.

Stuffing Boxes and Packing. The boxes are bored directly into the body. The packing glands are bolt-on type held in place by large heat treated steel or K-Monel studs. Standard packing is a set of non-crushable lip-type packing rings with a bronze lantern ring for lubrication to the plungers when necessary. Special packing can be furnished for special applications. The boxes are drilled and tapped for $\frac{1}{8}$ " pipe

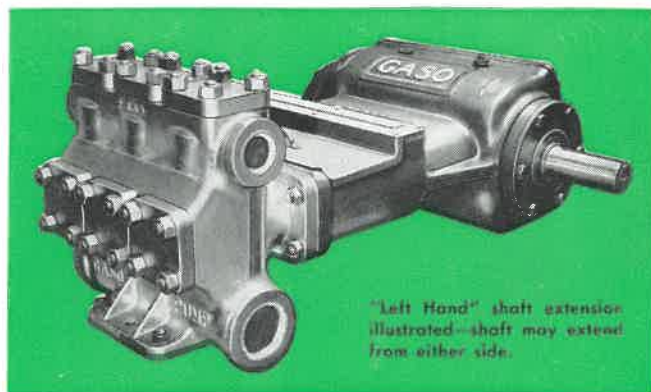


Fig. 3365—2" to 2½" x 3"

thread Zerk grease fittings or for check valves on oil lines from force feed lubricators. Packing, lantern glands and packing glands are interchangeable with Fig. 3364 parts.

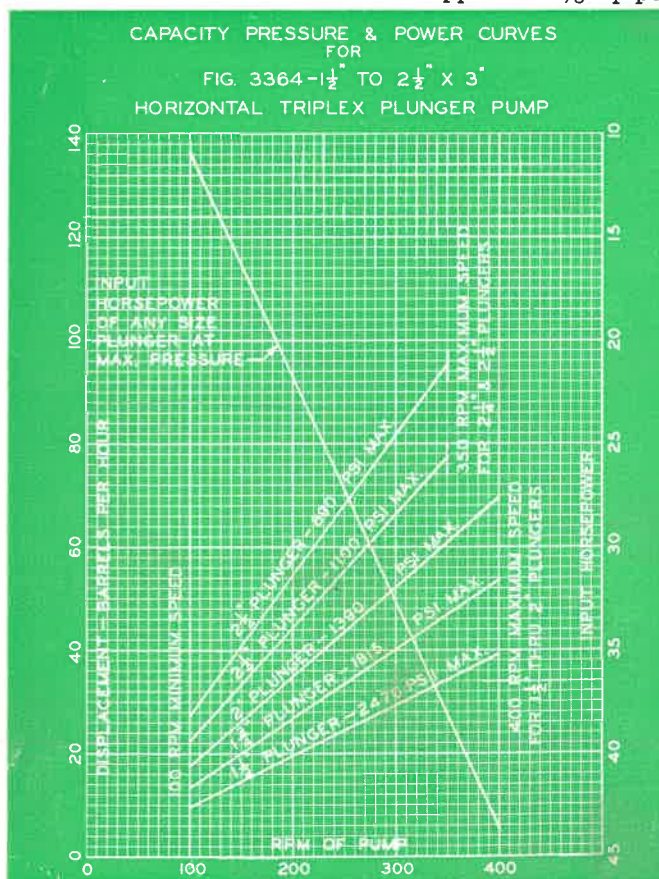
Gaskets. Valve cover and cylinder head gaskets are O-Rings. Suction and discharge flange gaskets are flat fiber.

Suction and Discharge Connections. Standard fluid ends are tapped on both sides for suction and discharge—3" pipe tap for suction and 2" pipe tap for discharge. Special fluid ends with flanged suction and discharge connections are also available. Flanged fluid ends will accept 3"-300# ANSI steel suction flanges and 2"-600# ANSI discharge flanges.

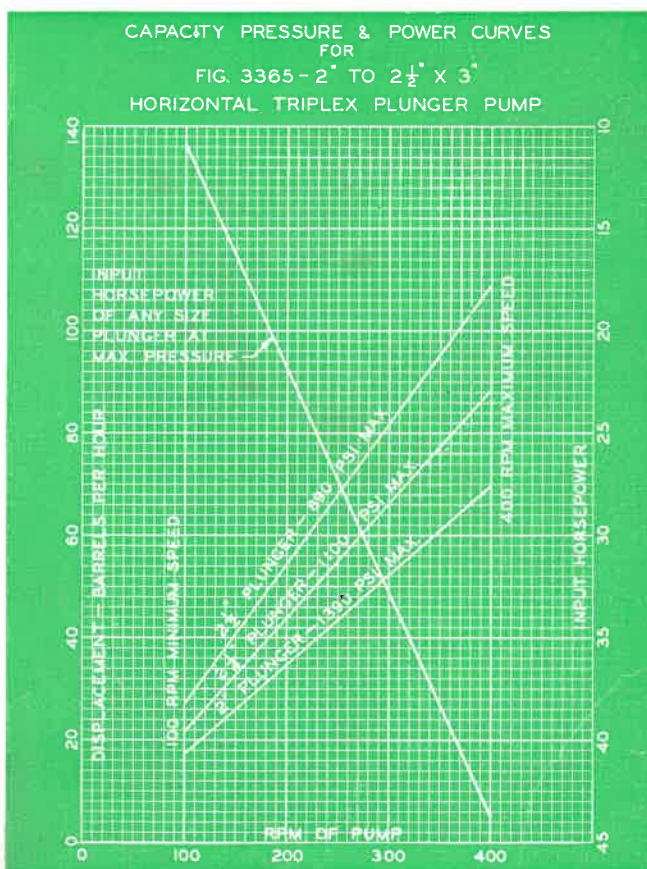
Approximate Net Weights:

Fig. 3365 with standard fluid end—905 lbs.

Fig. 3365 with flanged fluid end—1005 lbs.



Gallons per minute = barrels per hour $\times .7$



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