

GOULD MODEL 3409-900 PUMP ONLY SPECIFICATIONS

1. Goulds Pump Model 3409-900 L, 14x18-23 single stage, horizontal split-case centrifugal pump available from ITT/Goulds Pump Company, Seneca Falls, NY or equivalent pump from another manufacture that will attach to an existing motor and mounting frame and offer equivalent performance.
2. Service Liquid, Seawater
3. Performance requirements: 7000 gpm at 93.8 feet of total dynamic head (TDH) with maximum net positive suction head requirement of 11 feet of water absolute at this flow rate.
4. Cast Iron casing and double suction, 20.5-inch diameter impeller
5. Flange, intake/discharge 125# flat face
6. Type 316 stainless steel shaft and shaft sleeves.
7. Type 316 stainless steel casing and impeller wear rings.
8. Packed stuffing box type shaft seals (acrylic yarn impregnated with petroleum lubricants and graphite.
9. Grease lube bearings.
10. 18-inch flanged suction and 14-inch flanged discharge ports; flange drilling and pressure capabilities to match Class 125 ANSI B16.1.
11. No Electric Motor – Pump Only.
12. Flexible shaft coupling and coupling guard to be included separately.
13. No Mounting Base - Pump Only. Existing motor will be mounted to the left side of the pump when facing the suction flange (clockwise pump shaft rotation when viewed from the motor).
 - This bid is for a **pump only** without electric motor or mounting base frame.
 - Client already has a 200 horsepower, TEFC premium efficiency, 60 Hz, 460/480 volt, 900 RPM, 449T frame motor and pump mounting base.
 - Price to include all shipping and handling costs FOB, Natural Energy Laboratory of Hawaii Authority (NELHA), Kailua-Kona, Hawaii 96740