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BRAQUAFOR

Goulds Pumps

AquaForce™ PUMP STATIONS

The New FORCE in Variable Speed Pumping Stations

NEW ANSI/ NSF 61 certified for public drinking water.



Engineered for life



Goulds Pumps

AquaForce Pump Stations

AquaForce GENERAL INFORMATION

The AquaForce pump station is a pre-engineered and fabricated line of packaged booster systems that provide maximum hydraulic capabilities of 1500 GPM and up to 340 PSI.

The AquaForce provides pressure boosting for a variety of applications including: high – rise buildings, industrial plants, municipal and rural water districts. The use of Aquavar® variable frequency drive technology and our patented pump control logic, has created an intelligent pump system which virtually eliminates the requirement for most mechanical protection devices. Utilizing the variable speed controller on each pump allows for the maximum energy efficiency, as well as back-up protection should a pump fault during operation. Even with your changing system demands, the AquaForce pumping station provides consistent performance.

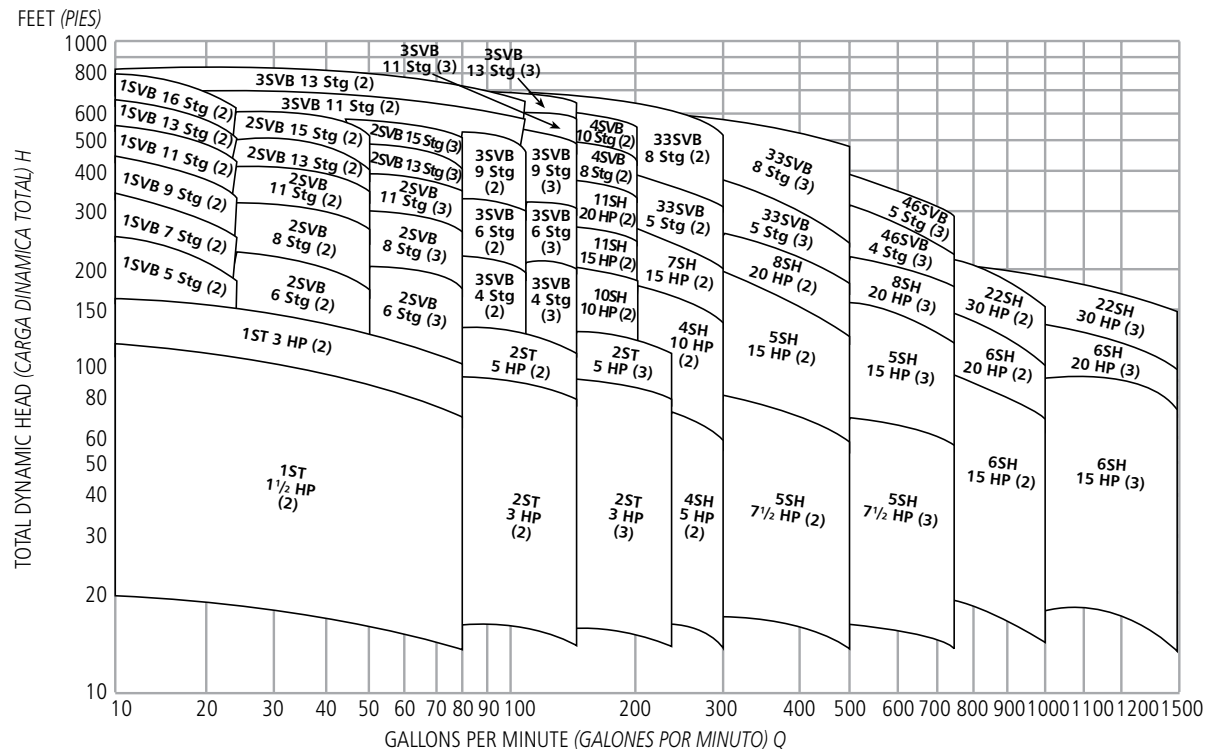


- *ANSI/NSF 61 certified*
- *Fully tested for flow and pressure*
- *Pre-programmed for easy installation and start-up*
- *Rugged mechanical design with simple layout*
- *304 SS manifolds with removable ANSI flange connectors*
- *NEMA 4 fused disconnect control panel*
- *Goulds stainless pumps*

For complete system capabilities and detailed specifications go to goulds.com

FEATURES AND SPECIFICATIONS

- ⇒ All systems are ^{UL} listed as packaged pumping systems.
- ⇒ ANSI/NSF 61 certification
- ⇒ 200 – 230 Volt single phase up to 20 HP, 200 – 230 Volt three phase up to 75 HP, 460 Volt up to 75 HP.
- ⇒ Duplex, triplex and quad systems available.
- ⇒ Each system is fabricated with Goulds Pumps 316L stainless steel centrifugal pumps.
- ⇒ TEFC standard
- ⇒ Premium efficient option
- ⇒ Standard “off the shelf” motors by Baldor or USEM Motors.
- ⇒ Significant reduction in energy consumption over fixed speed systems.
- ⇒ System protection from overvoltage, under-voltage, blocked suction, cavitation, NPSHa, phase loss, short circuit, transducer failure, and motor current overload.
- ⇒ Liquid temperatures up to 180° F.
- ⇒ Ambient temperatures up to 104° F.
- ⇒ Maximum operating pressures up to 360 psi.
- ⇒ Pump run-out protection.
- ⇒ Dry running protection.
- ⇒ Programmable lead/ lag alternation.
- ⇒ Programmable system curve/ friction loss compensation.
- ⇒ Programmable system pressure starting.
- ⇒ Fault detection and alarms relay.
- ⇒ Motor run relay.
- ⇒ Programmable soft start.
- ⇒ Stainless steel manifolds.
- ⇒ Isolation valves.
- ⇒ Optional suction / low pressure switch.
- ⇒ Optional pressure relief valves and temperature relief valves.
- ⇒ Optional lightning protection.
- ⇒ Optional flexible discharge hose.
- ⇒ Outdoor configuration available.



NOTE: Performance does not allow for system losses. Refer to actual pump station system curve for friction losses. Larger SSH and SFH pumps available for higher flow rates and pressure.

**FOR ALL OF YOUR PUMP AND CONTROL NEEDS,
CONTACT YOUR GOULDS PUMPS PROFESSIONAL.**



Goulds Pumps is a global leader in the water market, producing the world's leading line of residential and commercial water products. The Goulds Pumps' product portfolio includes submersible and line shaft turbine, 4" submersible, jet, sump, effluent, sewage and centrifugal pumps for residential, agriculture, irrigation, sewage, drainage, commercial and light industrial uses.

This includes a diversified portfolio of highly-engineered, advanced technology multi-stage and end-suction centrifugal and turbine pumps, controllers, variable frequency drives, tanks and accessories.

Goulds Pumps nationwide distribution and U.S.-based manufacturing facilities can deliver the products you need quickly and is backed by 160 years of experience in the pump industry and customer support and service that is second to none.

For more information visit www.goulds.com

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