

Tonkaflo*

AS and SS Pumps

Tonkaflo* Pumps

A Strong Brand Name - A Stronger Product

GE Water & Process Technologies began production of Tonkaflo pumps in 1977 when other mass production pump manufacturers were not developing the right high pressure pump for reverse osmosis and other water treatment applications.

We asked, why settle for a pump that almost met our needs? So we decided to build our own. Today, wherever you find an application requiring consistent, non-pulsating centrifugal flow, you are sure to find the name Tonkaflo (Figure 1).



Figure 1: Tonkaflo Pump Uses

Why Buy Tonkaflo?

Dependability. Our customers purchase a multi-stage Tonkaflo pump because they don't want to think about it after installation. The Tonkaflo's reliable, no-fuss performance has satisfied thousands of customers for over 25 years.

Web-Based Tools

GE provides its customers with the pump selection site, www.pumptools.com. You have instant access to drawings, CAD symbols, options and prices.

Precision Engineering

Our pumps are conservatively designed for reliable operation, but offer important energy saving designs with up to 78% efficiencies and the ability to customize the number of stages built in each pump.

Support

Our in-house rebuild program provides fast replacement of your pump - within 24 hours if required.

Delivery

We deliver over 2,000 pumps per year to our customers with high on-time ratings and short delivery schedules.

Broad Range of Products

We have two pump series which include over a hundred models. We offer a host of pump configurations, ensuring a pump perfect for your application.

Assistance

Our network of 200 worldwide pump experts ensure your questions are always answered, 24 hours a day, 7 days a week.

Which Tonkaflo is right for you?

Your fluid may require special chemical compatibility. Your application may dictate value as a top priority. Or perhaps your work setting demands quieter operation. No matter what you're looking for, you will find it in our line of durable pumps. Visit www.tonkaflo.com or www.pumptools.com for more detailed pump specifications.



Find a contact near you by visiting www.ge.com/water and clicking on "Contact Us".

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Tonkaflo SS Series Pumps



Figure 2: Tonkaflo SS Series Pumps

Offering the broadest range and best value, the SS Series sets the standard for the RO industry, and serves as the standard for all Tonkaflo pumps.

Features and Benefits

- 4-inch (101.6 mm) and 6-inch (152.4 mm)
- 316 stainless steel (SS) shells, inlets and outlets
- Flow Capacity of 1.5 to 300 gpm (0.34 to 68.10 m³/h)
- Pressures up to 700 psi (48.3 bar)
- Noryl* plastic stages



Figure 3: K-Bearing frame for ease of maintenance



Figure 4: CIP or Transfer Pump



Figure 5: Parallel pumps for higher flow rates

Tonkaflo AS Series Pumps



Figure 6: Tonkaflo AS Series Pumps

The AS Series offers a full range of models for applications that require rugged metal construction, higher temperatures, or chemical compatibility. AS stands for All Stainless Steel construction.

Features and Benefits

- 4-inch (101.6 mm) and 6-inch (152.4 mm) 304/316 SS shells, inlets and outlets
- 304 SS stages
- Flow capacity of 1.5 to 500 gpm (.34 to 113.5 m³/h)
- Pressures up to 575 psi (39.7 bar)



Figure 7: AS 40K for high flow RO units



Figure 8: Chemically compatible transfer pumps



Figure 9: High temperature RO applications

Instant Pump Design

At www.pumptools.com

Access Tonkaflo PumpTools online for a quick, easy and painless selection of Tonkaflo pump products available free to everyone with internet access at www.pumptools.com. People in the water treatment industry around the world can enjoy the benefits of Tonkaflo pump selection online.

- Accurate and current information! Online price list, drawings, and pump specifications are continuously updated
- No need to print or fax reports since each PumpTools selection report may be distributed via e-mail
- No need to memorize product specifications since users can save up to eight Tonkaflo product selections for same-day comparison

Users may enter operating parameters, including flow rate, pressure and temperature, and the "Pump Wizard" will find the appropriate Tonkaflo product in seconds, including pumps for 50 and 60 Hz operation. Those familiar with the Tonkaflo product line may use the pump search feature and type in all or a portion of the product number for an instant selection report.

Visit our website www.pumptools.com to obtain technical information on more than 700 pump products and to personally configure a pump for your application!