FPS

FST SERIES

CAST STAINLESS STEEL SUBMERSIBLE TURBINE PUMPS
QUICK SHIP PROGRAM



The toughest applications demand the toughest pumps, and Franklin Electric's FST submersible turbines in cast stainless steel were designed specifically for these jobs. With impellers and bowls cast in 316 SS, this product was engineered for durability in aggressive water applications and is ideal for commercial, municipal, and industrial settings. With our Quick Ship Program, you'll also find a selection of quality pumps in-stock and ready to ship so you can keep your projects up and running.

franklinwater.com
franklinengineered.com

Franklin Electric



FST SERIES SUBMERSIBLE TURBINE PUMPS QUICK SHIP PROGRAM

FEATURES*



IMPELLER

- Constructed from investment-cast 316 stainless steel
- Dynamically balanced to ISO standards

BOWL

- Constructed from cast 316 stainless steel
- Corrosion-resistant heavy walls are designed for long service life
- O-ring bowl connection standard
- Bronze bearings standard with several optional materials

ADDITIONAL

- 7", 9" and 11" stainless steel components**
- Compatible with a variety of motor sizes and drives
- NSF/ANSI 61 Certified configurations available
- Various options in design, and material constructions can be specified to meet application needs
- Specify, configure, and price your submersible turbine with FE Select
- Match with Franklin Electric Encapsulated Induction and Magforce High efficiency motors to provide leading energy efficient solutions

**Features and Specifications are representative of qualifying products*

***Additional sizes available to meet your specific application are subject to variable lead times*

SPECIFICATIONS*

- Sizes: 7", 9" & 11" bowls
- Discharge Size: 6" and 8" FNPT
- Capacity: Flows up to 2,250 gpm
- Total Dynamic Head: up to 1,800+ feet (549+ m)
- Operating Temperature: up to 400 °F (204 °C)
- Speed Ranges: 1725 to 3,600 rpm
- Power: up to 550 hp

**Features and Specifications are representative of qualifying products*

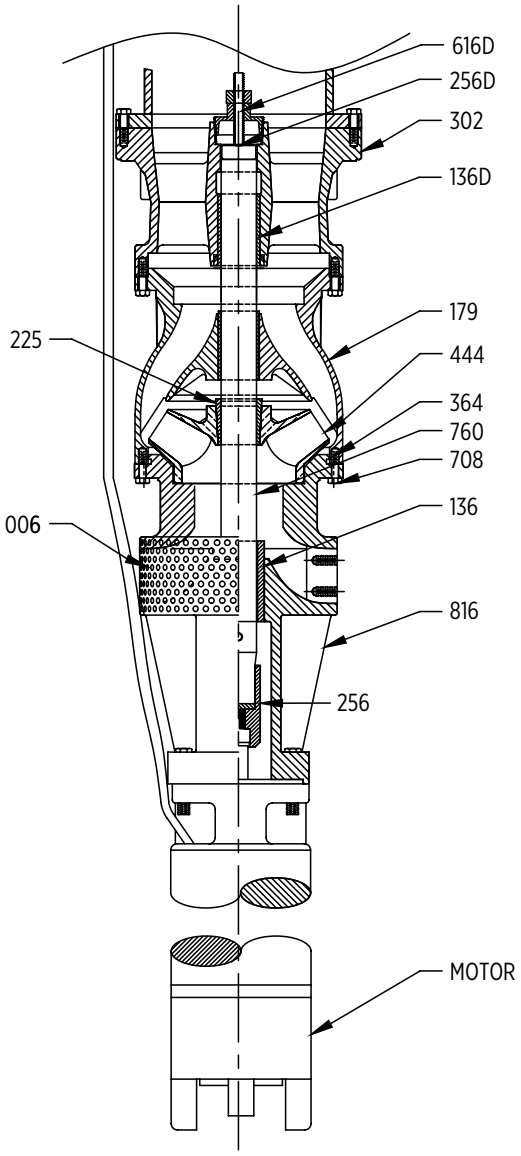
APPLICATIONS

- Agriculture & Irrigation
- Water & Wastewater
- Power Generation
- Mining
- Dewatering
- Industrial
- Pulp & Paper

FST SERIES SUBMERSIBLE TURBINE PUMPS QUICK SHIP PROGRAM

MATERIALS OF CONSTRUCTION

Item	Description	Standard Material
136	Motor Bracket Bearing	Bronze
136D	Discharge Case Bearing	Bronze
256D	Upthrust Disc	416 Stainless Steel
179	Bowl	316 Stainless Steel
225	Impeller Collet	316 Stainless Steel
256	Motor Coupling	316 Stainless Steel
302	Discharge Case	316 Stainless Steel
364	Bowl O-Ring	Nitrile
444	Impeller	316 Stainless Steel
006	Suction Screen	300 Series Stainless Steel
616D	Upthrust Kit	316 Stainless Steel
708	Hex Fasteners	316 Stainless Steel
760	Bowl Shaft	316 Stainless Steel
816	Motor Bracket	316 Stainless Steel



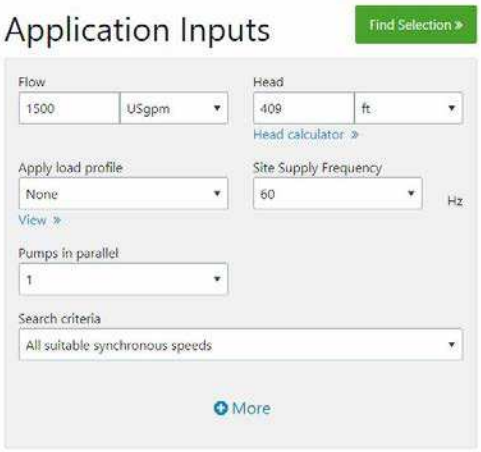
FE SELECT

Input your performance requirements or specs, and our industry-leading online tool will help you find the right Franklin Electric product for the job. It's the easy way for you and your customers to size, configure and get a quote.

SIZE & SELECT

Size & Select the Right Pump for the Job

- Requiring only the primary application data, such as flow, total dynamic heads and pump length demands, the software accurately matches the selection for the job
- Obtain quick access to related informational product documentation



QUOTATION MANAGEMENT

Streamline Sales Efforts with Quotation Management

- Start your experience managing new or existing work on your dashboard
- Create and save quotations or projects using your FE account*
- Keep track of your opportunities all in one place

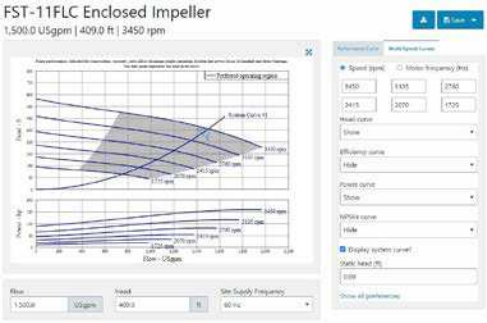
**Single sign-on account allows access to any of our online tools, including FE Select and FranklinTech*



CONFIGURATION & PRICING

Simplify Configuration & Pricing Tasks

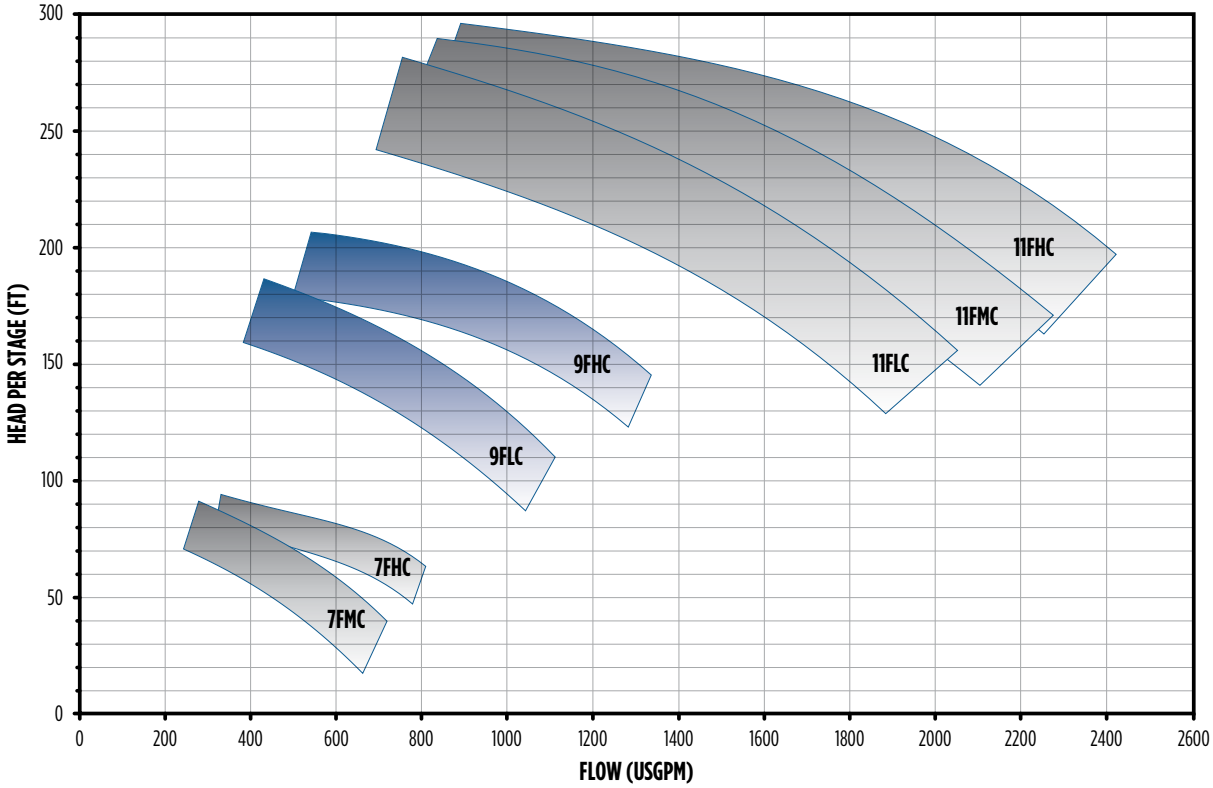
- Reduce time when configuring bowl assemblies, including all components: shaft size, number of stages, etc.
- Facilitate pricing details to rapidly setup quotations
- Enhance your proposal documents with the general arrangement drawings for bowl assemblies



FST SERIES SUBMERSIBLE TURBINE PUMPS QUICK SHIP PROGRAM

PERFORMANCE

7", 9", 11" (2-POLE)



NOTE: Flow and head conditions are based on single stage performance

Model	Flow Range (GPM)	BEP	Efficiency @ BEP (%)	Outer Diameter (in)	Motor Bracket Options (in)
7FMC	400 – 600	552 gpm @ 64' TDH	77	7.125	6
7FHC	500 – 750	665 gpm @ 78' TDH	76		
9FLC	600 – 1000	857 gpm @ 148' TDH	85	9.25	6, 8
9FHC	800 – 1200	1072 gpm @ 179' TDH	85		
11FLC	1150 – 1850	1508 gpm @ 227' TDH	84	11	8, 10, 12
11FMC	1250 – 2050	1668 gpm @ 246' TDH	84		
11FHC	1400 – 2250	1769 gpm @ 264' TDH	84		

**Additional sizes available to meet your specific application are subject to variable lead times*

Franklin Electric's dedicated support teams have your back every step of the way. Our products are backed by services unique to the Franklin Experience:



Access to the industry's leading Technical Support professionals and Field Service Engineers.



Pumps are eligible for an Extended Warranty with Franklin Electric-supplied motor and drive/panel.

FE SELECT

Our industry-leading online tool allows you to easily size, configure, price and quote.

BUILD CENTER

Submersible and Lineshaft Turbines are available through an expansive network of Certified Build Centers.*

* FAF, FMF, & FP-FVT Series not available

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