



## Hi600 TECHNICAL SPECIFICATIONS

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### ***Design Details:***

Impeller size: 24 inch (609.60mm) single stage, axial flow/mix flow  
Rotation: Left hand (counter clockwise looking forward)  
Maximum power input: 800hp (588kw)  
Maximum Jet rpm: 1100 RPM  
Nozzle size options: 15.5 inches (393mm)

### ***Feature Details:***

Tail bearing: Cutlass Non-Metallic Sleeve Bearing  
Shaft Seal: Dual lip seal sealing system  
Inspection Cap: Inboard top of intake  
Thrust Bearing: Tandem heavy duty tapered roller bearings  
Shaft Angle: 0-degree standard  
Ride Plate: Integral ride plate for full protection of steering system and to offset boat hull area loss due to intake opening.

### ***Material Details:***

Main shaft: Stainless Steel 3.00" (76.2mm) diameter  
Impeller: Stainless Steel  
Intake body: 5086 marine grade Aluminum  
Wear ring Assembly: FRP composite housing with 316L Stainless steel insert  
Stator Assembly: FRP composite housing with 316L Stainless steel vanes and hub  
Steering system: Balanced Deflector --5086 marine grade Aluminum  
Reverse system: Split Duct type—High Thrust Type--5086 marine grade Aluminum  
Grate protection: Rugged Bolt in grate -- 6063 marine grade Aluminum

### ***Installation Details:***

Unit dry Weight: 1540 lb. (698 kg)  
Entrained water: 310 lb. (140kg)  
Installation: Welded in design for Aluminum applications  
Bolt in design for composite applications