



Hi502 TECHNICAL SPECIFICATIONS

Design Details:

Impeller size: 20 inch (500mm) single stage, axial flow/mix flow
Rotation: Left hand (counter clockwise looking forward)
Maximum power input: 800hp (588kw)
Maximum Jet rpm: 1350 RPM
Nozzle size options: 11.8 inches (300mm)

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 2.75" (69.85mm) 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: 1050 lb. (476 kg)
Entrained water: 264 lb. (120kg)
Installation: Welded in design for Aluminum applications
Bolt in design for composite applications