

# DJ350 TECHNICAL SPECIFICATIONS



## UNIT DETAILS

Maximum Rec. Continuous Power:	Up to 3350skW (4500shp)
Sprint Rating:	Up to 3870skW (5200shp)
Maximum Rec Impeller speed:	960 rpm
Dry Weight:	3650 kg (incl. std control system & hyd. fluid excludes entrained water)
Total Entrained Water:	1850 kg (typical-dependant on intake geometry)
Loss of buoyancy	1350 kg (typical- water inside transom, assumes full submersion)
Corrosion Protection:	Cathodic with Anodes – electronic corrosion monitor
Design Standard:	To international authority standards

## CONSTRUCTION DETAILS

### Impeller:

Diameter:	35 inch (890mm)
No of Stages/Configuration:	Single Stage – Axial flow pump
Standard Rotation:	Anti-clockwise (Looking forward from stern) note: Option for Clockwise rotation
Impeller Material:	Cast CF8M Stainless Steel

### Pump Assembly:

Impeller Casing Material:	AISI 316 Stainless Steel
Discharge Nozzle Material	Cast CF8M & AISI 316 Stainless Steel

### Steering System:

Description	Balanced nozzle
Operation	Hydraulic with Dual Inboard cylinder actuation
Steering Bowl/Nozzle Material:	Cast ASTM A356 Aluminium Alloy
Nozzle Diameter Range:	450-505mm

### Reverse System:

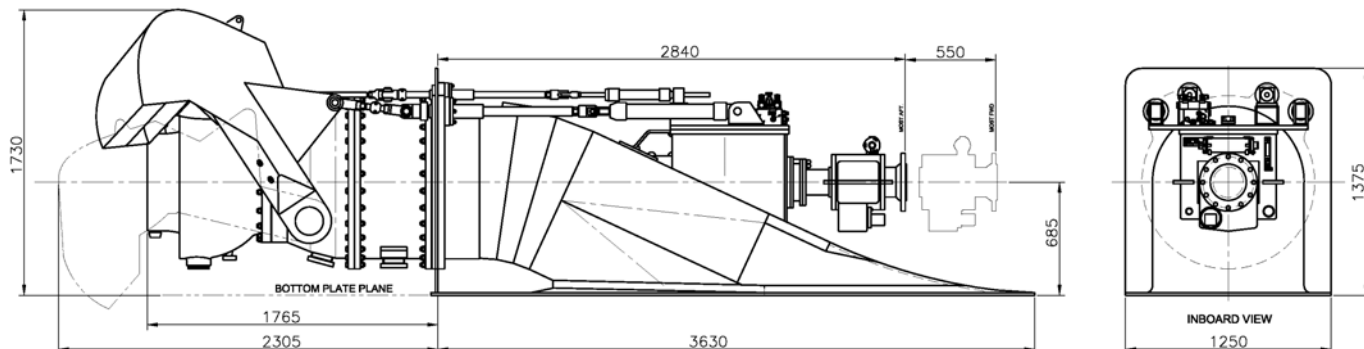
Description	Split Duct Type – “High Thrust”
Operation	Hydraulic with Dual Inboard cylinder actuation
Reverse duct material	Cast ASTM A356 & 5083 grade plate aluminium

### Shaft Assembly:

Main Shaft Material:	Stainless Steel Grade SAF 2205
Rear Bearing:	Water Lubricated Cutlass Bearing
Main Bearing:	Spherical roller Thrust Bearing Spherical roller Bearing - Radial
Lubrication	Oil lubrication with circulating pump
Shaft Seal:	Face type Mechanical Seal
Coupling Flange:	GWB Series to suit application
Shaft Angle	0 degrees standard – Custom shaft angles available

### Intake Body:

Material:	5083 grade plate aluminium
Inspection Opening:	Inboard
Intake Grate (optional)	Removable Stainless Steel Bars



Due to our policy of continuous Research & Development, we reserve the right to change the specifications without notice