## **DJ290** TECHNICAL SPECIFICATIONS



## **UNIT DETAILS**

Maximum Rec. Continuous Power: Up to 2420skW (3250shp)

Maximum Rec Impeller speed: 1160rpm

Dry Weight: 2340 kg (including standard reverse controls)
Total Entrained Water: 1090 kg (typical-dependent on intake geometry)

Loss of buoyancy 775 kg (water inside transom)

Corrosion Protection: Cathodic with Anodes

Design Standard: To international authority standards

## **CONSTRUCTION DETAILS**

Impeller:

Diameter: 29 inch (736mm)

No of Stages/Configuration: Single Stage – Axial / Mixed flow pump Standard Rotation: Anti-clockwise (Looking forward from stern)

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 Inboard tiller actuation Steering Bowl/Nozzle Material: Cast ASTM A356 Aluminium Alloy

Nozzle Diameter Range: 375-420mm

**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:

Rear Bearing:

Main Bearing:

Main Bearing:

Stainless Steel Grade SAF 2205

Water Lubricated Cutlass 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

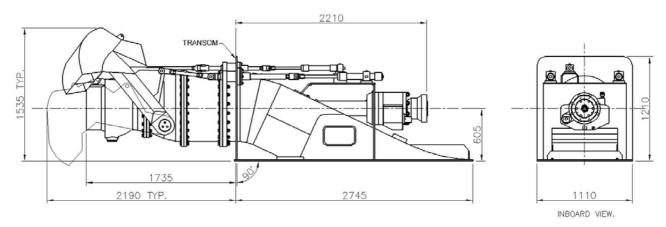
Shaft Angle 0 degrees standard – Custom shaft angles available

Intake Body:

Material: 5083 grade plate aluminium

Inspection Opening: Inboard

Intake Grate: Removable Stainless Steel Bars



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