

## UNIT DETAILS

Maximum Rec. Power Continuous:	up to 185skW (250shp)
Maximum Rec. Power Sprint:	up to 200skW (270shp) <sup>Refer Note: A</sup>
Maximum Rec Impeller speed:	4200rpm
Dry Weight:	85 kg (complete waterjet including jet mounted hydraulic items)
Corrosion Protection:	Cathodic with Anodes

## CONSTRUCTION DETAILS

### Impeller:

Diameter:	8.5 inch (217mm)
No of Stages/Configuration:	Single Stage – Axial pump construction
Standard Rotation:	Anti-clockwise (Looking forward from stern)
Impeller Material:	Cast CF8M Stainless Steel

### Pump Assembly:

Impeller Casing Material:	Cast ASTM A356 Alum. Alloy with stainless steel liner
Discharge Nozzle Material:	Cast ASTM A356 Alum. Alloy

### Steering System:

Description	Balanced nozzle
Operation	Inboard tiller actuation
Steering Bowl/Nozzle Material:	Cast ASTM A356 Aluminium Alloy

### Reverse System:

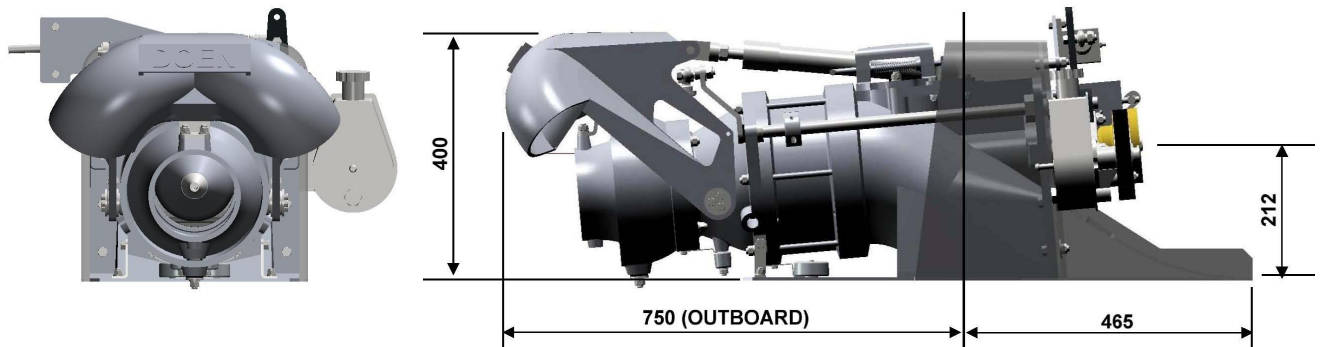
Description	Split Duct Type – “High Thrust”
Operation	Hydraulic cylinder actuation
Reverse duct material	Cast ASTM A356 Aluminium Alloy

### Shaft Assembly:

Main Shaft Material:	Stainless Steel Grade SAF 2205
Rear Bearing:	Water Lubricated Cutlass Bearing (Dry run option)
Main Bearing:	Angular contact Thrust Bearing
Lubrication	Grease
Shaft Seal:	Face type Mechanical Seal
Coupling Flange:	Spicer “1410” Series
Shaft Angle	95° rising fwd.

### Intake Body:

Material:	Cast ASTM A356 Aluminium Alloy
Inspection Opening:	Outboard – Quick Release
Intake Grate:	Removable Aluminium Bar



**Note (A):** Requires application approval by DOEN Pacific  
 Due to our policy of continuous Research & Development, we reserve the right to change the specifications without notice