

UNIT DETAILS

Maximum Rec. Power Continuous:	up to 185skW (250shp)	Refer Note: A
Maximum Rec. Power Sprint:	up to 200skW (270shp)	
Maximum Rec Impeller speed:	4200rpm	
Dry Weight:	65 kg (complete waterjet including jet mounted hydraulic items)	
Corrosion Protection:	Cathodic with Anodes	

CONSTRUCTION DETAILS

Impeller:

Diameter:	8.5 inch (216mm)
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:

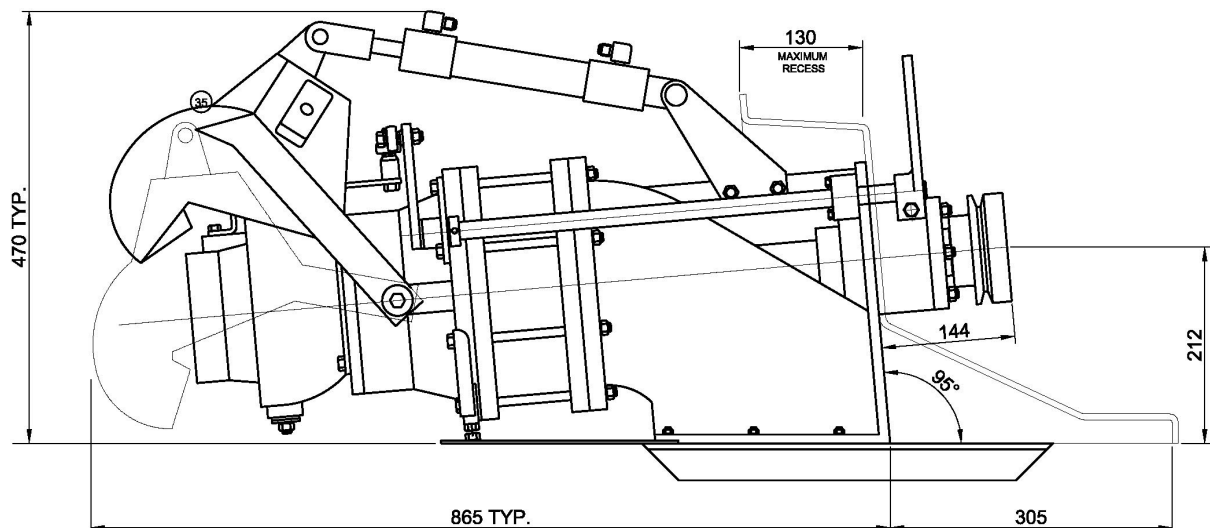
Description	Split Duct Type – “High Thrust”
Operation	Hydraulic cylinder actuation
Reverse duct material	Cast ASTM A356 Aluminium Alloy

Shaft Assembly:

Main Shaft Material:	Stainless Steel Grade SAF 2205
Rear Bearing:	Water Lubricated Cutlass Bearing
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
Intake Grate:	Removable Stainless Steel Bars



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

Issued 24/04/2015

T:\SALES DOCUMENTATION\Tech Specs\MASTER\DJ85 Tech spec 240415.doc