

DJ200 TECHNICAL SPECIFICATIONS



UNIT DETAILS

Maximum Rec. Power Continuous:	up to 1000skW (1340shp)
Maximum Rec. Power Sprint:	up to 1200skW (1610shp) ^{REFER NOTE: A}
Maximum Rec Impeller speed:	1650rpm
Dry Weight:	875 kg (complete waterjet including jet mounted hydraulic items)
Entrained Water:	220 kg
Loss of buoyancy	0.275m ³ (duct volume within hull bound)
Corrosion Protection:	Cathodic with Anodes
Design Standard:	To international authority standards

CONSTRUCTION DETAILS

Impeller:

Diameter:	520mm
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.

Steering System:

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

Reverse System:

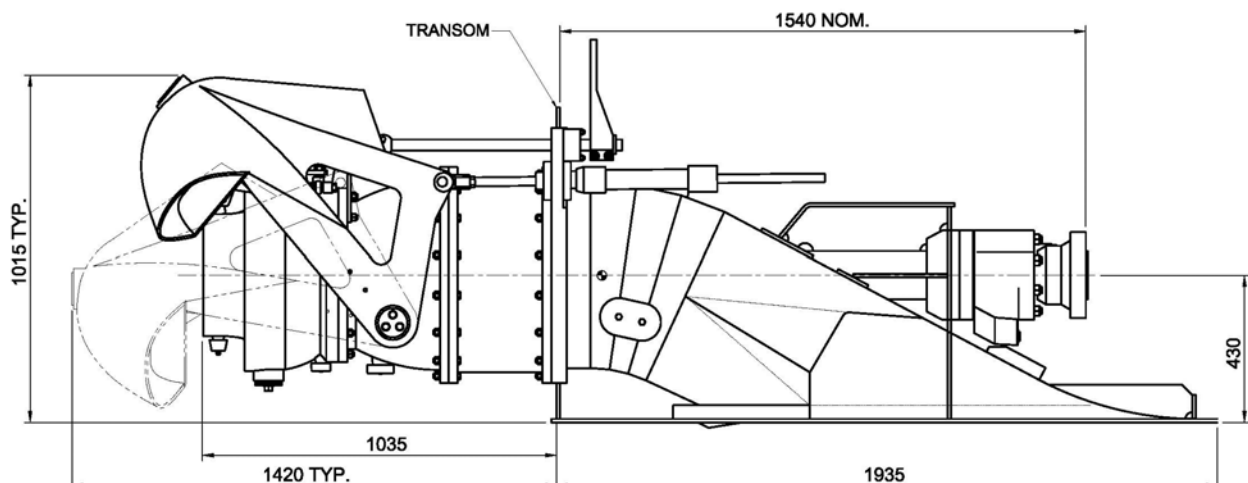
Description:	Split Duct Type – “High Thrust”
Operation:	Hydraulic with twin Inboard cylinder actuation
Reverse duct material:	Cast ASTM A356 & 5083 grade plate aluminium

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
Shaft Seal:	Face type Mechanical Seal
Coupling Flange:	GWB Series to suit application
Shaft Angle:	0 degrees standard – Custom shaft angles available

Intake Duct:

Material:	5083 grade plate aluminium
Inspection Opening:	Inboard
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