

DJ130 TECHNICAL SPECIFICATIONS



UNIT DETAILS

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| Maximum Rec. Continuous Power: | up to 410skW (550shp) |
| Maximum Rec Impeller speed: | 2585rpm |
| Dry Weight: | 295 kg (including standard reverse controls) |
| Entrained Water: | 90 kg (weight of water in pump and inlet duct) |
| Corrosion Protection: | Cathodic with Anodes |
| Design Standard: | To international authority standards |

CONSTRUCTION DETAILS

Impeller:

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| Diameter: | 13 inch (330mm) |
| No of Stages/Configuration: | Single Stage – Axial flow pump |
| Standard Rotation: | Anti-clockwise (Looking forward from stern) |
| Impeller Material: | Cast CF8M Stainless Steel |

Pump Assembly:

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

Steering System:

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|--------------------------------|--------------------------------|
| Description | Balanced nozzle |
| Operation | Inboard tiller actuation |
| Steering Bowl/Nozzle Material: | Cast ASTM A356 Aluminium Alloy |
| Nozzle Diameter Range: | 170mm - 185mm |

Reverse System:

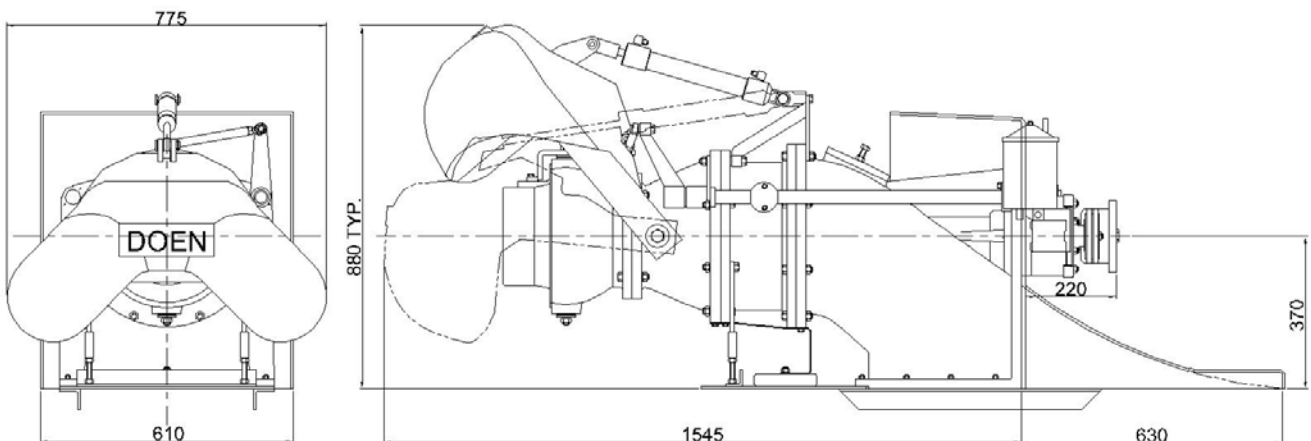
| | |
|-----------------------|---------------------------------|
| Description | Split Duct Type – “High Thrust” |
| Operation | Hydraulic cylinder actuation |
| Reverse duct material | Cast ASTM A356 Aluminium Alloy |

Shaft Assembly:

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|----------------------|--|
| 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 “1600” Series |
| Shaft Angle | Available in both 0° (DJ130Z) and 5° (DJ130) |

Intake Body:

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|---------------------|--------------------------------|
| Material: | Cast ASTM A356 Aluminium Alloy |
| Inspection Opening: | Outboard |
| Intake Grate: | Removable Stainless Steel Bars |



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