



# CP300i

## Technical Data



### Materials of Construction

|                      |  |
|----------------------|--|
| Pump Casing:         | S.G. IRON 400/12   |
| Suction Cover:       | S.G. IRON 400/12   |
| Air Separation Tank: | S.G. IRON 400/12   |
| Bearing Bracket:     | S.G. IRON 400/12   |
| Pump Shaft:          | 431 Stainless Steel  |
| Impeller:            | 316 Stainless Steel  |
| Wearplates:          | 316 Stainless Steel  |
| Mechanical Seal:     | Silicon Carbide Cartridge Seal c/w Pumping Ring and Glycol Quench Galvanised Steel |
| NRV:                 | (12" Flap Type)  |

Fuel Consumption: 14.5 L/hr @ BEP 1400rpm WMR  
 Fuel Capacity: 1000 litres, 24hrs @ 1200rpm

### Pumpset Dimensions

Width: 2200 mm      Height: 2500 mm  
 Length: 5100 mm      Dry Weight: 6300 kg

### Design Details

|                          |   |              |
|--------------------------|---|--------------|
| Pump Description         | Volute type, 2 bladed fully open impeller |              |
| Suction Flange:          | 300 mm                                    |              |
| Delivery Flange:         | 300 mm                                    |              |
| Solids Handling Size:    | 90 mm                                     |              |
| Operating Speed:         | MIN: 900rpm                               | MAX: 1200rpm |
| Maximum Head:            | 60 m                                      |              |
| Maximum Capacity:        | 440 L/sec                                 |              |
| Reduction Gearbox Drive: | 1.5:1 ratio                               |              |

