

## Features

- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Dry self prime and reprime
- Close coupled SAE Bearing Frames
- Suction lifts to 9m
- Operates in 'snore' conditions
- Vacuum Priming option available for ground dewatering.

- Diesel, electric or hydraulic drive
- Solids handling
- Simple maintenance
- Replaceable wear parts
- Chassis - skid, road tow, wheeled, caged
- Powered by Perkins or Cat Engines.
- Other engines available on request
- Custom build available
- Sykes purpose built Control panel

## Application

- Construction
- Environmental
- Industrial
- Mining
- Clean Water
- Sludge
- Slimes
- Sewage
- Solids laden liquids
- Ground Dewatering
- Pipeline & Drilling
- Jetting
- Quarries

## 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 / Silicon Carbide
N.R.V. (Ball Type):	S.G. IRON 400/12

### DESIGN DETAILS

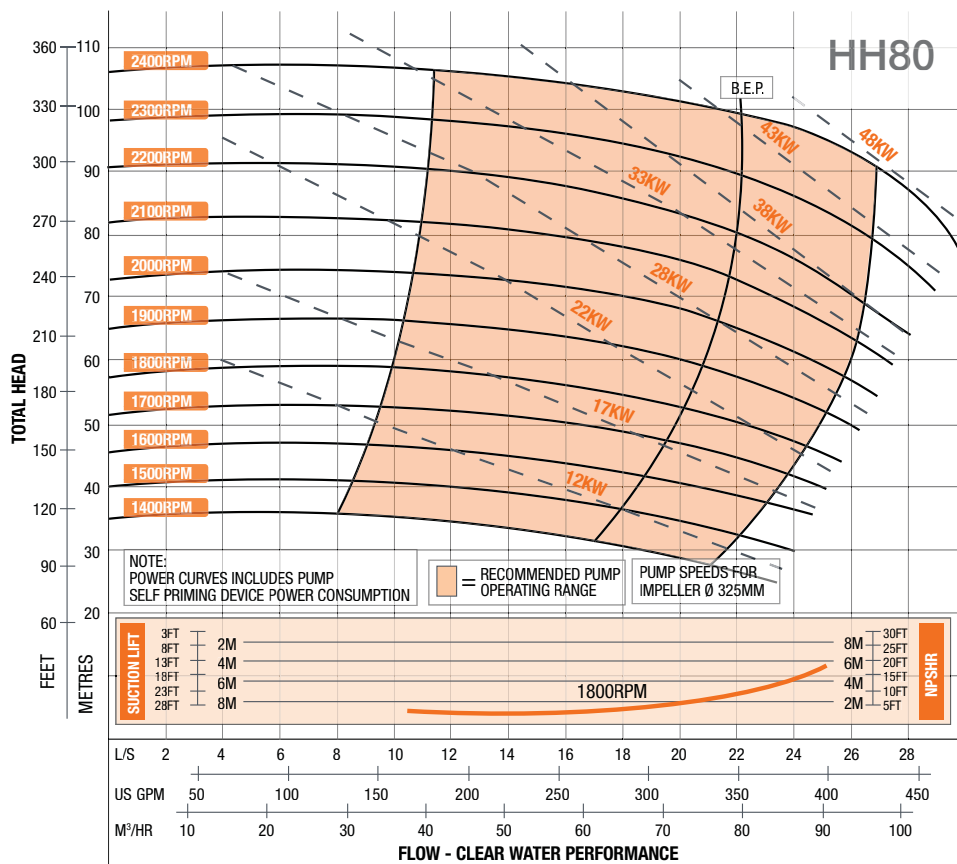
Single Stage, end suction type, 3 vane open impeller, centrifugal pump

Suction Flange (mm/in):	75/3
Delivery Flange (mm/in):	75/3
Solids Handling Size (mm/in):	25/1
Maximum Head (m/ft):	105/344
Maximum Capacity:	28 L/sec

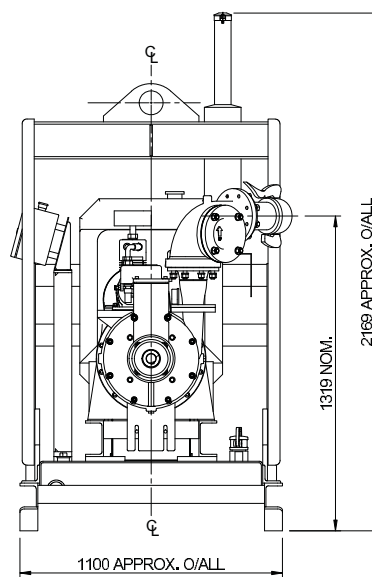
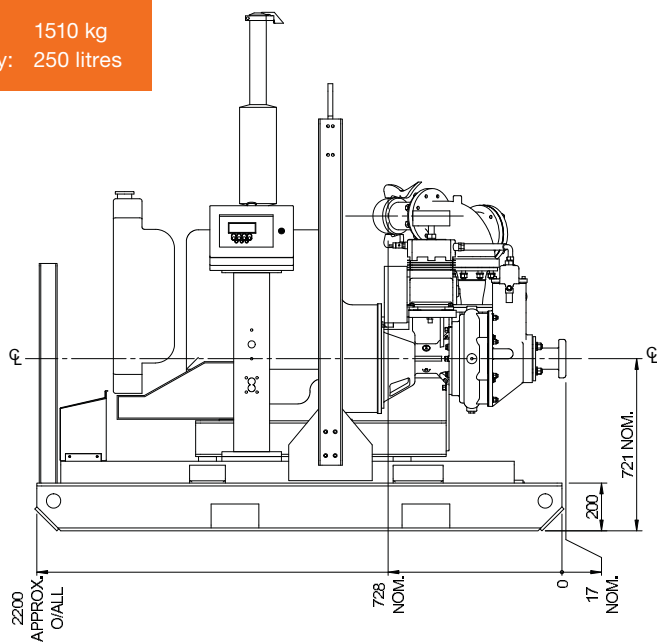
### FUEL USAGE (L/HR) @ BEP

Speed (rpm)	POWER USAGE (kW)	FUEL RATE (L/hr)	RUN TIME (hrs - 250L fuel tank)
1400	10	2.47	101
2000	28	6.92	36
2400	44	10.87	23

CALCULATIONS BASED ON 210 g/kw.hr



Dry Weight: 1510 kg  
Fuel Capacity: 250 litres



Final weight and dimensions will depend on completed specifications

All this information in this document is substantially correct at the time of printing and may be altered subsequently