

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 Cartridge Seal c/w Pumping Ring & Glycol Quench
N.R.V. (Ball Type):	S.G. IRON 400/12

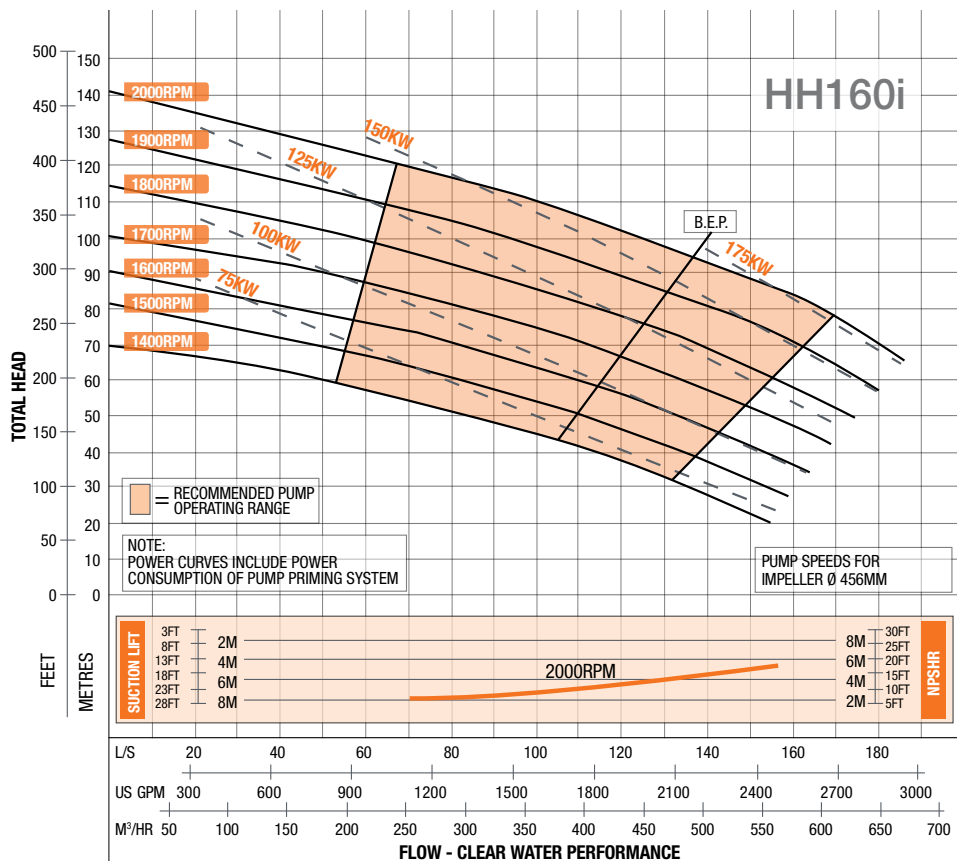
DESIGN DETAILS

Single Stage, end suction type, 2 vane semi open impeller, centrifugal pump
 Suction Flange (mm/in): 200/8
 Delivery Flange (mm/in): 150/6
 Solids Handling Size (mm/in): 65/2.5
 Maximum Head (m/ft): 140/459
 Maximum Capacity: 188 L/sec

FUEL USAGE (L/HR) @ BEP

Speed (rpm)	POWER USAGE (kW)	FUEL RATE (L/hr)	RUN TIME (hrs - 1200L fuel tank)
1400	70	17.29	69
1800	125	30.88	39
2000	165	40.76	29

CALCULATIONS BASED ON 210 g/kw.hr



Dry Weight: 5600 kg
 Fuel Capacity: 1200 litres

