SPEC SHEET

NPE
NATIONAL PUMP & ENERGY

SYKES HD150 SUBMERSIBLE SLURRY PUMP

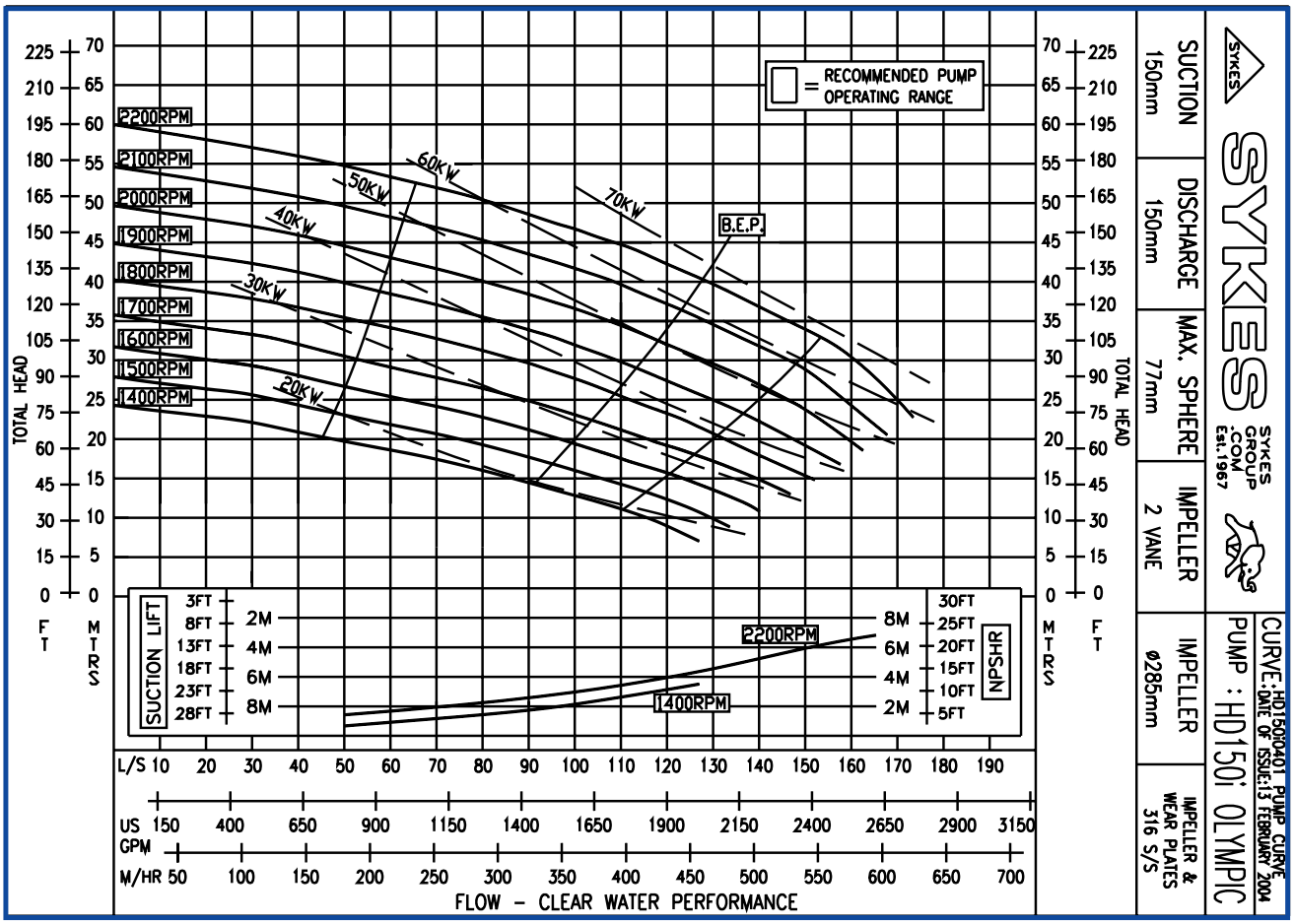
Fuel Consumption: 12.7 L/hr @ BEP 1800rpm WMR

Pumpset Dimensions

Width:	1550 mm	Height:	1815 mm
Length:	3800 mm	Dry Weight:	2950 kg

Materials of Construction

Pump Casing:	S.G. IRON 400/12
Suction Cover:	MILD STEEL
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
Strainer:	Galvanised Steel
O-Rings:	Nitrile Rubber
Hydraulic Pump:	P365 x 1 1/2"
Hydraulic Motor:	M365 x 1 1/2"
Control:	Via engine speed controller
Hose Size:	1" nominal bore x 10m

Design Details

Pump Description	Single Stage, volute type, 2 bladed fully open centrifugal pump
Delivery Flange:	150 mm
Nominal Casing Thickness:	10 mm
Solids Handling Size:	77 mm
Operating Speed:	MIN: 1400rpm MAX: 1800rpm
Maximum Head:	40 m
Maximum Capacity:	150 L/sec
Maximum Hydraulic Press:	190 BAR
Maximum Hydraulic Oil Flow:	146 L/min