SINGAPORE PUMP PRODUCTS

QUALITY PUMPS SINCE 1984

SPP Primax 6

6” Solids/Thrash Handling Self-priming Pump

Applications

Raw & Screened sewage
Sludge/Slurry
Water with fine& large solids
Water with rags & fibers
Seawater Transfer



Industries

Water & waste water
Construction & civil engineering
Oil & Gas
Mining
Marine
Municipal
Industrial

Pump Data

Brand: **Singapore Pump Products Pte Ltd (SPP)**
Model: **SPP Primax 6**
Standard pump body: **Cast Iron**
Standard pump impeller: **Cast Iron**
Standard pump shaft: **ANSI4140HT**
Intake and discharge ports: **150mm (6”)**
Solids handling capability: **Max. 76.2mm (3”)**
Maximum lift: **7.6m**
Maximum discharge head: **32m**
Maximum flow: **320m3/h**
Nominal speed: **1550rpm**
Impeller Type: **Self-Priming Open Type**

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Benefits

Easy adjustment of impeller clearance using Allen key, extending life of wear plate





Easy access to clean clogged materials, just unscrew and lift the access handles





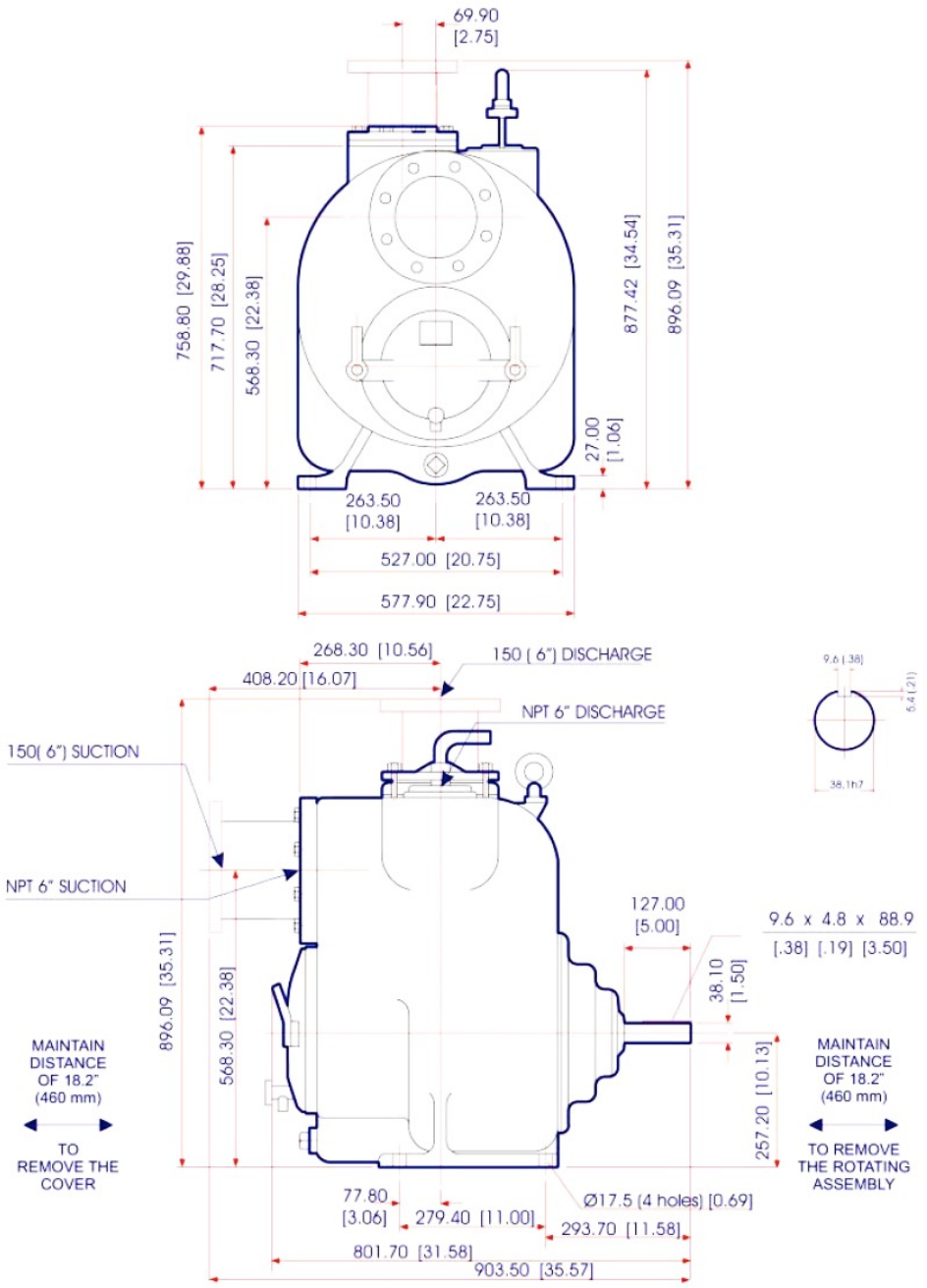
Materials Chart

	Standard	Type A	Type B	Type C	Type D	Type E	Type F	Type G
Casing	A 48CL30					CD4 MCU	SS 316	ADI
Impeller	A 60-40-18	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Wear Plate	SAE 1020	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Cover Plate	A 48CL30	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Bearing Housing	A 48CL30					CD4 MCU	SS 316	ADI
Seal Plate	A 48CL30	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Flap Valve	Neoprene					Viton		
Sleeve Shaft	ANSI 4140HT	ANSI 17-4						
Flange	A 48CL30				ADI	SS 316	SS 316	ADI
O'rings	Buna		Viton					
Impeller Shaft	ANSI 4140HT	ANSI 17-4						
Mechanical Seal	Casing in SS 316, O´rings in Buna & Viton, faces in titanium and tungsten carbide							

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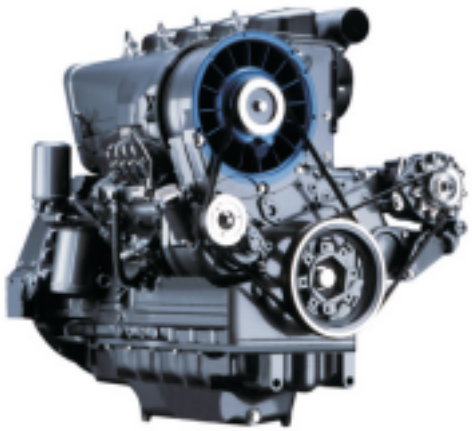
Pump Dimensions



SPP Primax 6

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Engine Data



Purpose: **Direct Drive to Pump**
Brand: **Deutz**
Model:
F4L912 (or equivalent)
Operational Power:
32kW @ 1500rpm
Main Pump coupling:
Flexible tyre coupling
Coupling advantage:
High misalignment tolerance and vibration isolation
Battery:
12V 100N
Fuel Consumption (Full Load):
11lit/hr
Max Speed:
1800RPM

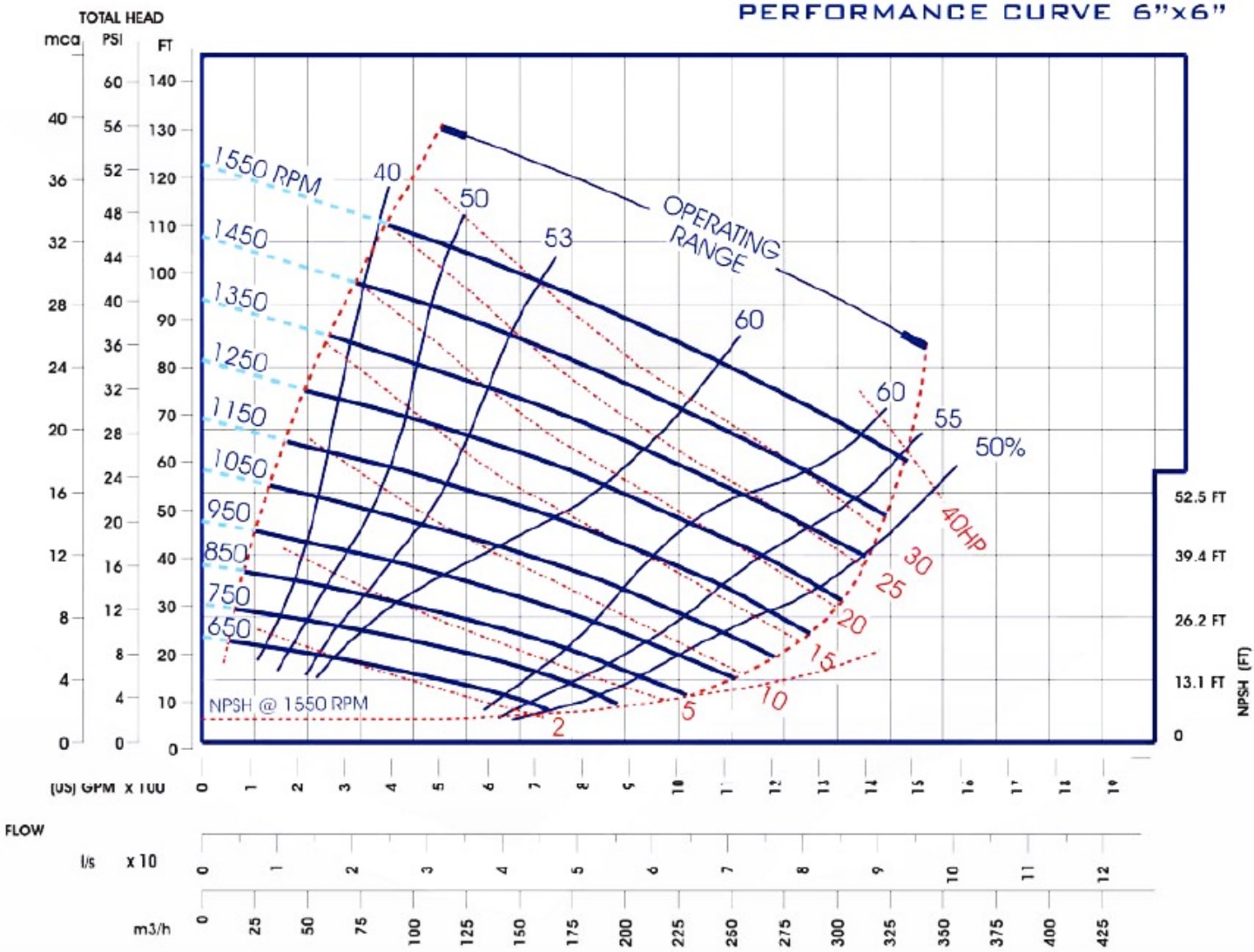
Control Panel

Oil Temperature Gauge
Oil Pressure Gauge
RPM Meter
Hour Meter
On-Off Button
Key Starter
Optional High Temperature Indicator
Optional High Temperature Shut Down
Optional Fuel Level Indicator
Optional Low Fuel Level Indicator
Optional Low Engine Oil Indicator

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Pump Curve



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6” Solids/Thrash Handling Self-priming Pump

Approximate Weight and Dimensions

Engine: **300 kg**
Main pump: **391 kg**
Main pump, skid, engine and coupling: **800 kg**
Overall Dimensions L X W X H: **2200x 1000mm x 1200mm**



Accessories Optional

- 6” x 6m Suction Hose – Sea Water Suction Hose (W/P 10 Bar, B/P 30 Bar) Black, Mandrel - Wrapped Type
- 6” x 6m Discharge Hose – Lay Flat Hose
- 6” Quick Coupling – Bauer/Miller
- 6” Flow Meter
- Pressure Gauge
- Vacuum Gauge
- 6” Non-Return Valve
- 6” Gate Valve
- 6” Strainer
- 6” Foot Valve

Spares Optional

- Engine Oil filter
- Engine Fuel filter
- Engine Air Filter
- Pump Wear Ring
- Pump Back Wear Ring
- Pump Mechanical Seal
- Gaskets
- O-Rings

Customer List



Quality Pumps

- Rental -

- Sales -

- Service -

- Singapore -

- Since 1984 -

Distributorship

jurop
CORNELL
Pratissoli
INTERPUMP GROUP
MAZZONI
PA
KÄRCHER
SPERONI WATER PUMPS
Atlas Copco
Cummins
DEUTZ

Our Brands

HYDROBAR
SINGAPORE PUMP PRODUCTS
WILLFLOW

Pumps

Submersible
Slurry / Solids Handling
Self Priming
Multistage
High Head / Mining
Dewatering
Wellpoint
Triplex Plunger
Vacuum
Jetter / Combi
Fittings / Accessories
Complete System Package

SINGAPORE PUMP PRODUCTS
QUALITY PUMPS SINCE 1984

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