



Construction features

High resistance to water containing sand, mud with solids in suspension:

- Casing in cast iron and impeller in **ductile iron**
- Mechanical seal in **silicon carbide-nitrile** rubber, oil lubricated
- **Rubber lined cast iron** front and rear wear plates

Oil free diaphragm vacuum pump suitable for dry running.
Nominal capacity: 50 m³/h / 1,765 ft³/h

Two vane open impeller with solids handling up to **76 mm / 3"**

Silenced canopy: **66 dB(A)** - sound pressure level (LPA) at 7 m
Operating temperature: 45°C (max)

Fuel tank: **250 liters / 66 USG** - Steel drip pan

Control panel for manual and automatic starting with floating switch

Motor protection from signal of low oil pressure, high motor temperature, low alternator charge and low level of fuel.

DN 150 / 6" ports

Diesel engine - Perkins 404D-22

Displacement: 2.200 cm³ / 135 in³

Power: 27 kW - 36 HP (1.800 rpm - ISO 3046)

Cooling: water

Starting: electric start (wet charged battery included)

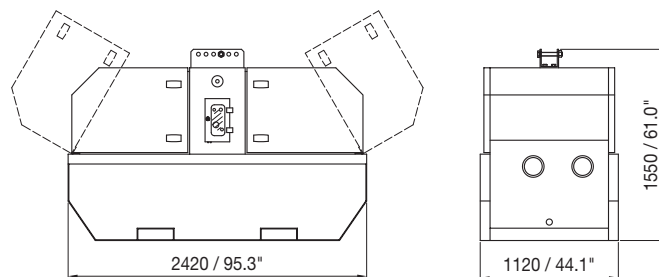
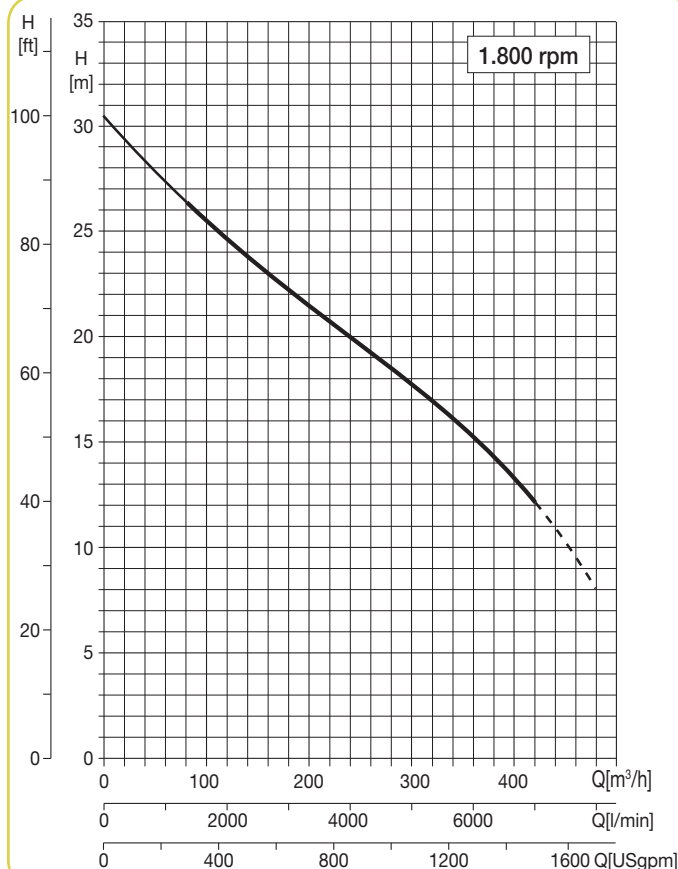
Emissions: stage 3A

Optionals

Racor fuel filter for the separation of moisture condensation

Quick couplings for external tank fuel supply

Working light with magnetic base (internal / external use - 55 W)



[mm / in]

Weight: 1.280 kg / 2,820 lb

Accessories on request

Category	Description	Image	Part Number	Description
Couplings	Flanged male coupling		10013335	M150SX150F flanged coupling - discharge
			10013338	M150SX150F flanged coupling - suction
Suction pipes	Flexible hose in rubber/canvas with steel spiral 4 - 5 - 6 m / 13 - 16 - 20 ft (standard length)		10013575	B150X4S flexible hose
			10013576	B150X5S flexible hose
			10013577	B150X6S flexible hose
			10013529	B150X4S suction hose with strainer
			10013527	B150X5S suction hose with strainer
			10013528	B150X6S suction hose with strainer
Discharge pipes	PVC flat hose - 10 m / 33 ft (standard length)		10013648	H150X10S 4 bar flat hose
	Galvanised steel pipe (PN 10)		10013480	150SX3 discharge steel pipe
			10013478	150SX4 discharge steel pipe
			10013479	150SX5,8 discharge steel pipe
			10048935	150SX6,2 discharge steel pipe
			10045238	150Sx4 discharge PE pipe
PE HD pipe with galvanised steel spherical couplings (PN 6)		10045239	150Sx5,8 discharge PE pipe	
Elbows	Galvanised steel 90° elbow		10013410	150S 90° elbow
Strainers	Galvanised steel strainer		10013231	150S steel strainer