



Our diesel driven pump set is designed to work in the most harsh conditions. The air cooled 4 cylinder diesel engine is the most reliable and robust engine in the market. Only compressed air is required to start the package.

The Pioneer self priming pump is designed for pumping dirty fluids and can withstand aggressive fluids. All equipment is built into a strong boxframe for easy transportation and protection.

FEATURES

- Frame designed and certified according DNV 2.7-1/ ISO 10855/ EN 12079
- Air cooled 4-cyl Hatz engine and Pioneer 4x4 pump
- Air starter
- Stainless steel daytank

BENEFITS

- Globally accepted for offshore use
- Most reliable engine and pump in the market, wide availability of spare parts
- Easy and reliable starting of engine
- Large diesel tank and corrosion free

APPLICATIONS

- Completion fluids
- Produced water
- Work over fluids
- Gravel pack fluids
- Waste water
- (Bio) diesel
- Surface water intake
- Process water
- Pre filtration RO
- Frac fluids
- Pipeline flushing

Contact

Dutch Filtration BV
Vrijheidweg 61
1521 RP, Wormerveer
The Netherlands
+31 (0)75 201 40 00
info@dutchfiltration.com
www.dutchfiltration.com

SPECIFICATIONS DIESEL DRIVEN CENTRIFUGAL PUMP

Design Specifications	
Max recommended flow pump	16 BPM (150 m ³ /hr) @ 1800 RPM SG1
Max. supply pressure	91 psi (6.3 bar)
Max. working temperature	80 deg C
Model pump	Self priming centrifugal pump; Pioneer PE4011, 4x4
Rotational speed Pump	Up to 1800 RPM (adjustable through gas lever)
Power Engine	72 hp (54 kW) @ 2500 RPM (72 BHP)
Model Engine	Hatz 4M41
Type Engine	F4L 912
Number of Cylinders	4
Cooling Engine	Air cooled
Starter Engine	Air starter
Design code frame	DNV 2.7-1 / ISO 10855/ EN12079 certified
Lifting	Hoisting slings (certified) and forklift pockets
Dimensions	
Weight (empty)	3085 lbs (1400 kg)
Dimension (L x W x H)	8.2 x 3.94 x 5.9 ft (Diesel drivencast iron, carbm)
Day tank Engine	26.4 gal (100 ltr)
Connections / Valves / Instruments	
In-/Outlet	4" couplings SS (union or camlock) to 4" NPT-M
Protective devices	Oil pressure, temperature, V-Belt breaking
Materials	
Pump housing	Cast iron
Material frame	Carbon steel, epoxy coated RAL 6017 other colours on request

ORDERING CODE

Type	Pipe size	DNV
DFDCP= diesel driven centrifugal pump	4 = 4"	DNV certified
Example: DFDCP-4-DNV is diesle driven centrifugal pump wit 4" connection DNV certified		

OPTIONAL

- High flow design
- Different makes engine and/or pump
- Electric driven pump set
- ATEX / Ex proof system
- Skid mounted with filter unit
- ISO corner blocks

