



MULTI-PURPOSE PUMP NP 4 DH

Self-priming centrifugal trash pump ▪ Diesel engine

PUMP:
maintenance-free
dry-running safe

ENGINE:
Direct Injection
Automatic Decompression
Forged crankshaft
Dry Air Filter with pre-separator
Pressurized lubrication



Self-priming up to 8,4 m

Solids passage \varnothing 8 mm

Q max. 520 l/min.

Dry Weight 49 kg

optional with 12 V Electric-Start-System with ignition key
optional on wheels

APPLICATION AREA:

Wastewater with solids.
(Heating oil and Diesel at room temperature)

Max. liquid temperature: $\leq 100^{\circ}\text{C}$

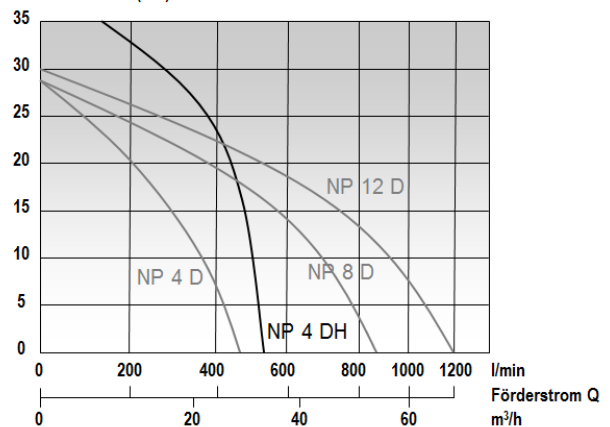
Max. liquid density: $\leq 1,1 \text{ kg/dm}^3$

pH-limitations: 5-8

FLOW RATE:

Q l/min	H m (WC)
520	0
460	15
420	20
300	30
0	41

Förderhöhe H m (WS)



Q l/min. at H m (Watercolumn), valid for $\rho = 1 \text{ kg/dm}^3$ and kinematic viscosity $\eta = 1 \text{ mm}^2/\text{s}$.
Flow rate and efficiency DIN 1944. Accuracy level III.

CHARACTERISTICS:

Pump type: 4-Stroke Diesel HATZ 1B20
Engine Start: Recoil Starter
Displacement: 243 cc / 1 Cylinder / 4,7 hp
Rated power: 3,4 kW @ 3600 U/min.
Dry weight: 49 kg
Dimensions: L 57 x B 46 x H 50 cm

Discharge diameter: G 2"
Discharge Conn.: STORZ Size C (52 mm)
Solids passage: \varnothing 8 mm

Fuel Capacity: 3,0 Litre
Run Time @ max.: ca. 2 h 30 m
Sound Emission level LWA: 105 dB
Oil capacity: 0,9 Litre

MATERIALS:

Pumphousing: Aluminum alloy acc. to DIN EN 1706*
Tubular frame: Coated steel
Impeller: Special cast iron acc. to DIN EN 1561*
Diffuser: Special cast iron acc. to DIN EN 1561*
Gaskets: Mineral oil resistant elastomer
Mechanical seal: Carbon / Ceramics

*seawater resistant



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Subject to change V_01/17