

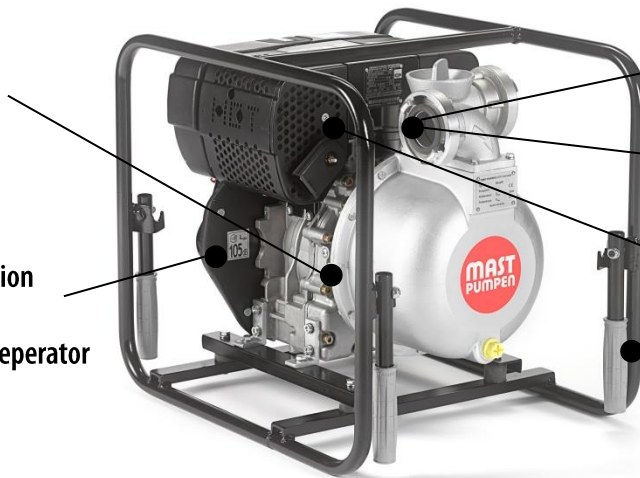


# MULTI-PURPOSE PUMP NP 4 D

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. 500 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:  $\leq 100^{\circ}\text{C}$

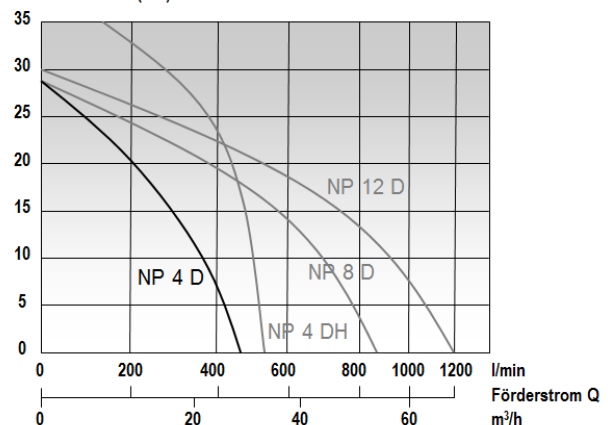
Max. liquid density:  $\leq 1,1 \text{ kg/dm}^3$

pH-limitations: 5-8

## FLOW RATE:

Q l/min	H m (WC)
500	0
440	5
380	10
200	20
0	28

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: 3,5 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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