



Application

Construction Industry - General Industry – Municipalities

Dewatering

- in the horizontal drainage system
- in the flushing filter process

| Elements | Parameter | Unit | Value | |
|----------|-------------------------------|--------|-------|-----------|
| | Tank capacity | l | 200 | |
| | Consumption 100 % / 50 % load | Diesel | l | 1,3 / 0,8 |
| | Sound power level | LWA | dB | 85 |
| | Sound pressure 7/10 m | LPA | dB(A) | 58 / 56 |

| Water Pump | Parameter | Unit | Value | |
|------------|--------------|-----------------------------------|-------------------|---------|
| | Flow | V_{max} | m ³ /h | 70 / 85 |
| | Strokes max. | n | 1/min | 30 |
| | Connection | DN _s / DN _D | mm | 108 |

| Engine | Parameter | Unit | Value | |
|--------|-----------|------|-------|------|
| | Producer | | Hatz | |
| | Type | | 1D90E | |
| | Power | P | kW | 7,4 |
| | RPM | n | 1/min | 1800 |

| Dimensions | Parameter | Unit | Value | |
|------------|-------------------------|-----------|-------|--------------------|
| | Length x width x height | l x w x h | mm | 2185 x 1024 x 1533 |

System Advantages

- Extended oil change intervals thanks to large engine oil pan
- Long service life and low maintenance thanks to robust design
- Oversized bearings low piston speeds
- Sea and brackish water resistant
- Up to three machines can be stacked
- Shock-resistant due to external frame construction
- Built-in air vessel ensures even, non-pulsating water delivery. Coilable pressure hoses are protected.

Function

The double-acting double-disc piston pump driven by a diesel engine ensures continuous delivery of the water-air mixture. This system ensures safe, fast suction and a constant volume flow.

