TECHNICAL FEATURES
- Compatible with Cold Converter and Thermosyphon storage tanks
- Modular assembly (from Simplex to Triplex)
- High efficiency
- Low operating noise
- Quick maintenance thanks to the integrated cartridge seal system

APPLICATIONS
- Peak shaving applications
- Pipeline back-up
- Power generation

CRANKDRIVE SYSTEM
- TW 10 - Oil lubrication

TRANSFERRED FLUIDS
- LNG

PERFORMANCES

<table>
<thead>
<tr>
<th>Model</th>
<th>Piston Bore</th>
<th>Stroke</th>
<th>Flow-rate Min 150*rpm</th>
<th>Flow-rate Max 350 rpm</th>
<th>Maximum allowable suction pressure (MA SP)</th>
<th>Maximum allowable working pressure (MAWP)</th>
<th>Power installed Referred to MAWP</th>
</tr>
</thead>
<tbody>
<tr>
<td>VT-100 62 S</td>
<td>100</td>
<td>62</td>
<td>67</td>
<td>17,7</td>
<td>156</td>
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</tr>
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NPSH required: 1 - 1,2 m

*Flow-rate can be reduced by forced oil lubrication system

Data can be subjected to change

www.vanzettiengineering.com
STANDARD SUPPLY

- Painted steel frame
- Cryogenic pump
- Electric motor
- Transmission by belt and pulley, available also with gearbox
- Double pulsation damper

STANDARD ACCESSORIES

- Suction flexible hose
- Return flexible hose
- Low pressure safety valve
- High pressure safety valve
- High pressure pneumatic valve for venting
- Check valve
- Pressure gauge
- Pressure switch
- Temperature sensor for cool down
- Temperature sensor for cavitation
- Temperature sensor for leaks detection

OPTIONAL ACCESSORIES

- Flushing system with nitrogen gas
- Electrical control panel
- 2 speed electric motor
- Motor suitable for VFD
- Complete automatic system available on demand

<table>
<thead>
<tr>
<th>Average SKID weight: 1200 kg</th>
</tr>
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<tr>
<td>Package overall dimensions: 302 x 119 x 115 cm</td>
</tr>
</tbody>
</table>

TEST AND CHECKS

- Dimensional control of each mechanical component before assembly
- Running test of each pump with LIN before delivery

STANDARDS

Designed according to:
- European Directive Machinery
- European Directive PED
- European Directive ATEX*
- EIGA/IGC/CGA guidelines

*VT-100 Skids are ATEX certified.

II 2G c K IIB/IIC T4

GENERAL DIMENSIONS

COLD END DETAIL

The innovative seal cartridge allows a very easy maintenance

Vanzetti Engineering s.r.l.
Via dei Mestieri, 3 - 12030 Cavallerleone (CN) - ITALY
Tel. (+39) 0172 913811 - Fax (+39) 0172 913822
www.vanzettiengineering.com
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- Low operating noise
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- Process applications and medium pressure capacities filling

CRANKDRIVE SYSTEM
- TW 10 - Oil lubrication

TRANSFERRED FLUIDS
- LIN, LOX, LAR, LCO₂, LN₂O

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