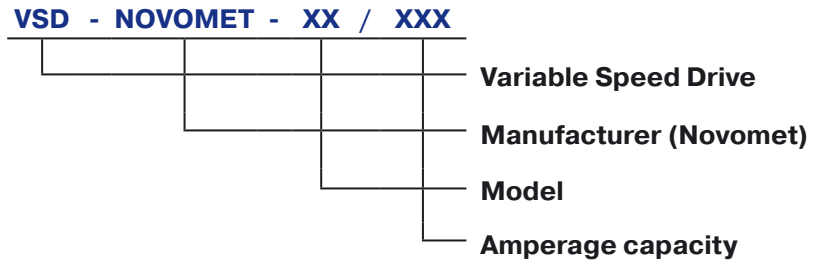




VARIABLE SPEED DRIVE





VARIABLE SPEED DRIVE

VSD-NOVOMET-03/250/400/630

VSD NOVOMET is used to control motors & pumps and provide their protection when producing oil.

Application:

- ▶ Submersible asynchronous motors for oil production
- ▶ Submersible permanent magnet motors for oil production
- ▶ Industrial electric motors

Design features:

- ▶ built-in variable speed drive
- ▶ compatible with asynchronous and permanent magnet motors
- ▶ built-in harmonic filter (VSD-NOVOMET-03/250)
- ▶ modular design for easy maintenance and repair
- ▶ surface panel for downhole sensor or insulation control unit
- ▶ heating system
- ▶ double-loop ventilation system
- ▶ Windows®-based VSD controller enables adaptive algorithm of motor control
- ▶ extended log files are available through USB 2.0
- ▶ wide-screen color display operates in real-time character and graphics mode
- ▶ extended terminal block for external connections
- ▶ scheduled, manual or automated start-up is possible
- ▶ parameter maintenance (frequency, current, pressure)

VSD options:

- ▶ 250A
- ▶ 400A
- ▶ 630A

Main parameters:

PARAMETER	VALUE
Nominal voltage, V	380
Voltage tolerance, %	± 25
Power circuit amperage, A	250/400/630
Operating temperatures, °C	-50...+50
Ingress protection, IP	43
Frequency range, Hz	0...800
Overall dimensions, mm	VSD NOVOMET 250/400 - 2000x1090x858; VSD NOVOMET 630 - 2088x1276x925
Weight, kg	VSD NOVOMET 250 - 500 kg VSD NOVOMET 400 - 578 kg VSD NOVOMET 630 - 630 kg