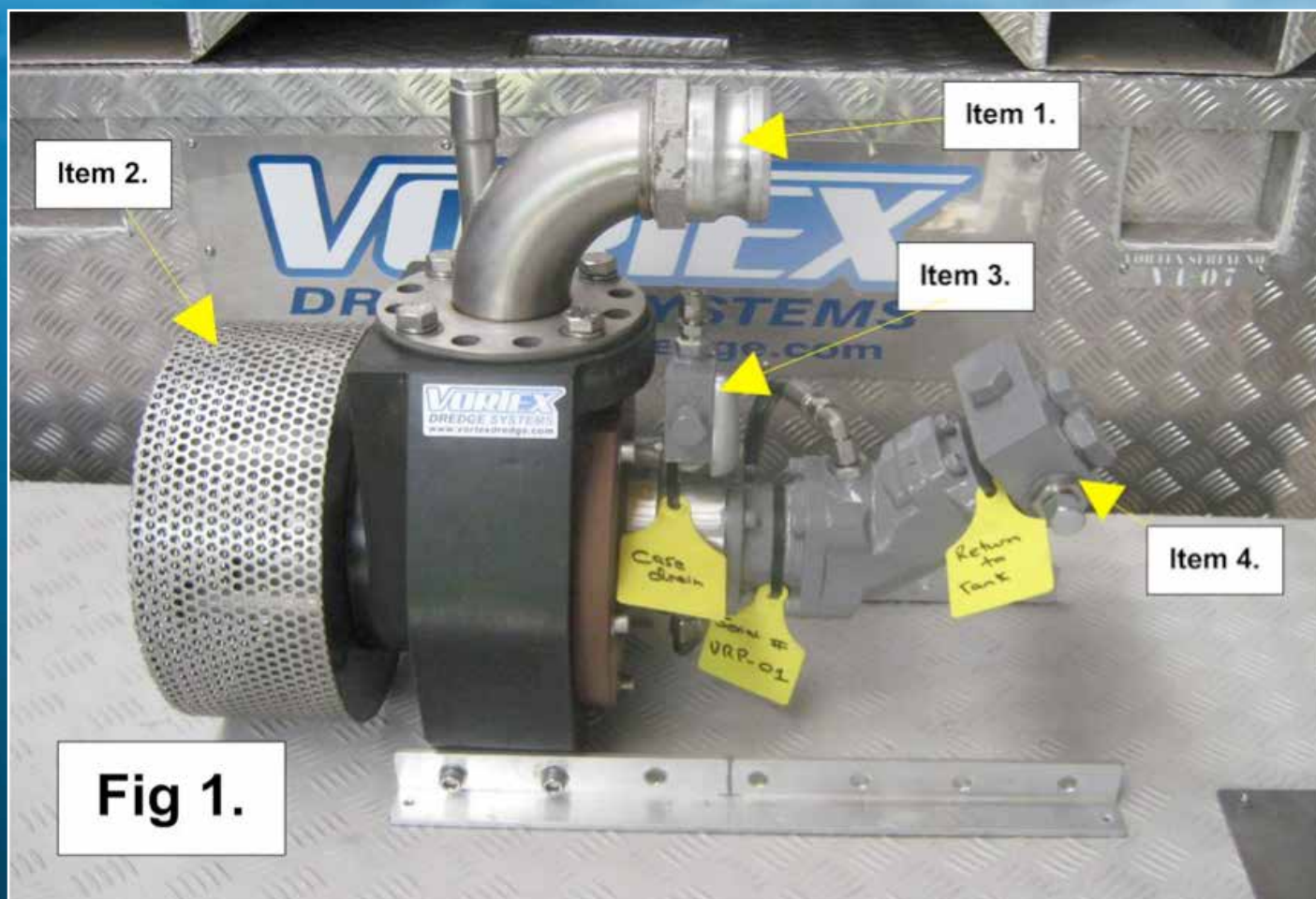


## Riser Flushing Pump



**Fig 1.**

### Introduction and assembly:

Please find included two pumps which have been built specifically for the purpose of flushing a pipeline.

Each pump will need assembly with included outlet nozzle **Item 1** and suction strainer **Item 2** so the pump looks like this

**Fig 1.** You can mount the outlet nozzle in which ever orientation suits your situation. Pump mounting brackets are also supplied.

The check valve **Item 3** on the case drain is 100 psi and designed to counter act the high water pump pressures and prevent shaft seal failure. **DO NOT** remove this check valve. Simply connect case drain hose to the outlet fitting of this check valve and run case drain hose to tank as per normal.

**Item 4** contains the over run valve.

**Joe Goodin - Managing Director**

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## Specifications:

- Hydraulic requirement: Pressure = 3000 psi (206 bar)  
Flow = 19.8 gpm (75 lpm)
- Performance: See attached flow chart
- Water pump performance:  
11 l/sec @ 112psi water pump output pressure.
- Water pump performance:  
5.5 l/sec @ 120psi water pump output pressure.
- Weight of pump = 43 kg in water

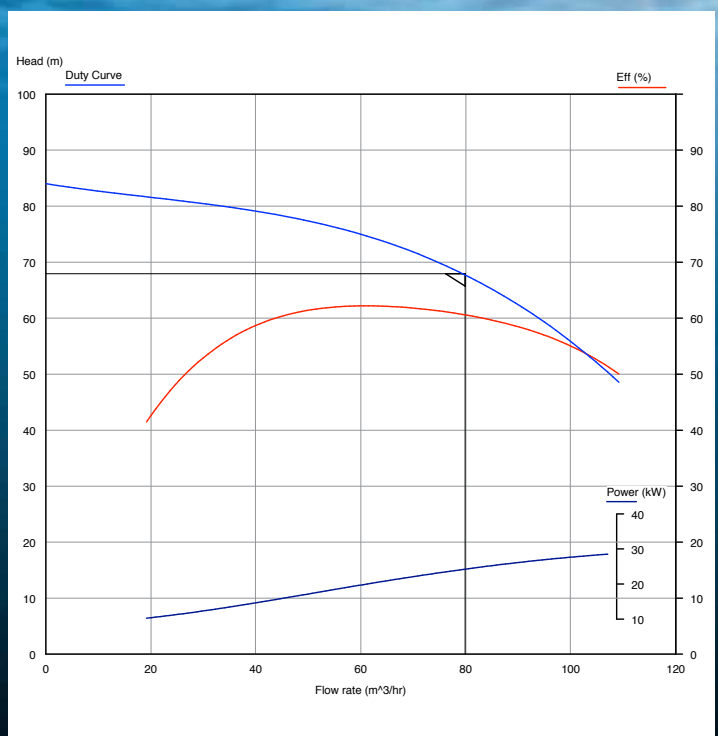
## Inventory:

1. Two pumps complete with case drain check valve
2. Two suction strainers with hard ware / bolts
3. Two outlet nozzles with hard ware / bolts
4. Two 3-inch female cam lock to two inch male BSPT adapters
5. Four individual aluminium pump brackets
6. Two sets of 3 meter long hydraulic hoses  
- comprising -8 pressure, -8 return, -6 case drain
7. Flow chart / performance chart for pumps

Two pumps will be supplied only upon request

# VORTEX

## Riser Pump Performance Graph



### Joe Goodin - Managing Director

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NOTE: Vortex International Ltd will not be held responsible for any damages occurring directly or indirectly from the use of this tool.