

# STARTECH PUMPS LIMITED

## Model 4NNTL Redi-Prime®

**\*NOW STOCKED IN CD4MCu**

### AVAILABLE MOUNTING CONFIGURATIONS

- 4NNTL-F FRAME MOUNT
- 4NNTL-RP-F REDI-PRIME FRAME MOUNT
- 4NNTL-EM ENGINE MOUNT
- 4NNTL-RP-EM REDI-PRIME ENGINE MOUNT
- 4NNTL-VC VERTICAL COUPLED
- 4NNTL-VF VERTICAL FRAME MOUNT

### OPERATING LEVELS

|                 |          |                       |
|-----------------|----------|-----------------------|
| MIN FLOW        | 50 GPM   | 11 m <sup>3</sup> /h  |
| MAX FLOW        | 1450 GPM | 329 m <sup>3</sup> /h |
| DISCHARGE SIZE  | 4"       | 102 mm                |
| SUCTION SIZE    | 4"       | 102 mm                |
| SOLIDS HANDLING | 3"       | 76 mm                 |
| MAX SPEED       | 2500 RPM | 2500 RPM              |
| SHUT-OFF HEAD   | 165'     | 50 m                  |
| BEP HEAD        | 106'     | 32 m                  |
| BEP FLOW        | 964 GPM  | 219 m <sup>3</sup> /h |
| BEP PERCENT     | 79%      | 79%                   |



A typical picture of the pump is shown. Please contact StarTech Pump Company for further details. All information is approximate and for general guidance only.

| PARTS           | STANDARD MATERIAL (ALL IRON)         | CD4MCU                               |
|-----------------|--------------------------------------|--------------------------------------|
| WEAR RING       | CAST IRON                            | CD4MCU                               |
| IMPELLER        | CAST IRON                            | CD4MCU                               |
| VOLUTE          | CAST IRON                            | CD4MCU                               |
| SHAFT           | STRESSPROOF STEEL                    | 17-4PH                               |
| SUCTION COVER   | CAST IRON                            | CD4MCU                               |
| MECHANICAL SEAL | TUNGSTEN CARBIDE VS. SILICON CARBIDE | TUNGSTEN CARBIDE VS. SILICON CARBIDE |
| BEARING FRAME   | CAST IRON                            | CAST IRON                            |

The 4NNTL pump is designed with StarTech's renowned quality and durability. It features a 4" discharge, 4" suction, and enclosed impeller. Available in All Iron or CD4MCu materials. StarTech's patented Cycloseal® design is standard, with a Type 1 or 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. Bearings are heavy duty deep groove ball bearings with a **minimum of 50,000 hours bearing life. 900/1200/1800 RPM operating speeds. Vertical configurations include a 4" suction elbow** with other options available. Uses an F5 or F85 frame (horizontal) or VC5 frame (vertical).

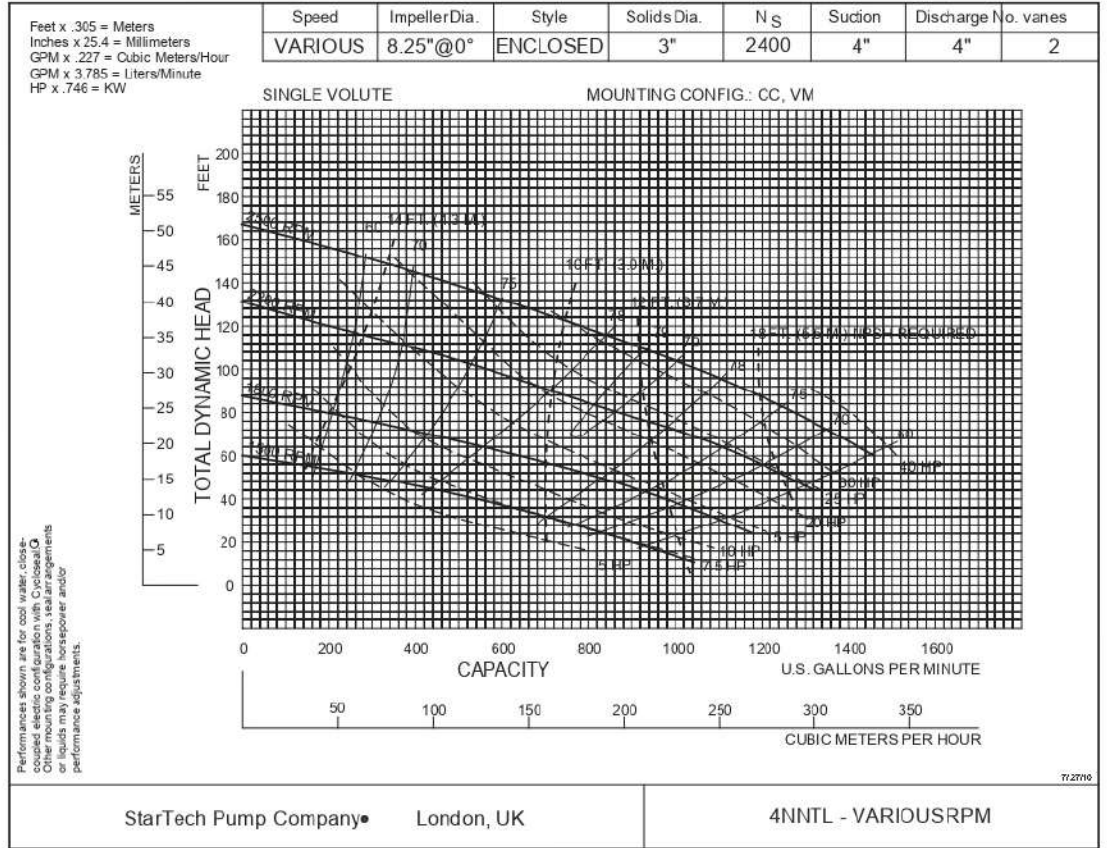
Engine-mounted models: 900/1800 RPM operating speeds.

- Patented Cycloseal® design
- Heavy-duty bearing frame
- Industry-leading two-year warranty
- **Industry-leading efficiencies**
- Heavy duty construction • Redi-Prime® available for fully-automatic continuous priming



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NEW PAGE

4NNTLVA

