

# SOLIDS HANDLING PUMPS

## Model: ANC300



### Physical Data:

|                |                              |
|----------------|------------------------------|
| DISCHARGE SIZE | 4"                           |
| IMPELLER TYPE  | 2-Vane, Enclosed - Cast Iron |
| CABLE LENGTH   | 35'                          |

### Liquid Handling:

|                      |                                            |
|----------------------|--------------------------------------------|
| SOLIDS HANDLING      | 3"                                         |
| MAXIMUM LIQUID TEMP. | 140°F – Intermittent<br>113°F - Continuous |
| ACCEPTABLE PH RANGE  | 6-8                                        |

### Temperature:

|                    |       |
|--------------------|-------|
| WINDING INSULATION | 180°C |
| INSULATION CLASS   | H     |

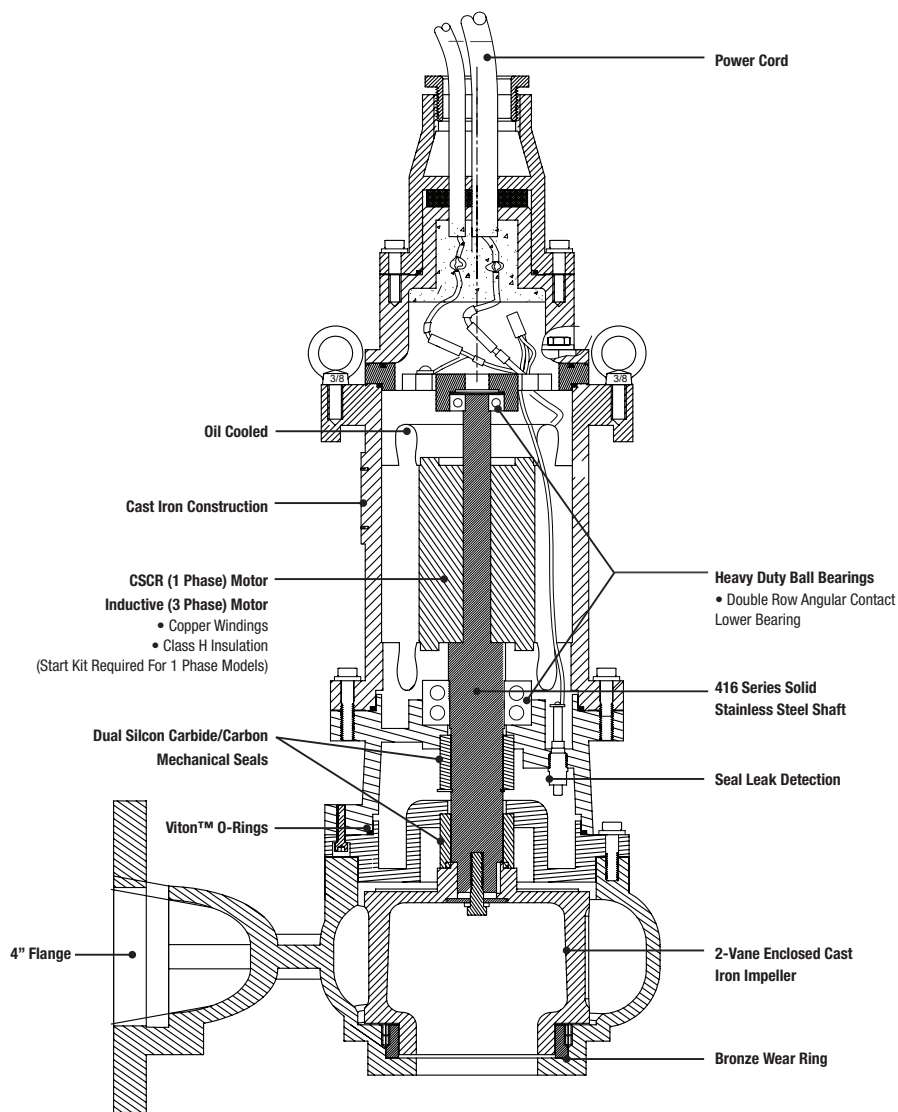
### Technical Data:

|                  |                        |
|------------------|------------------------|
| POWER CORD TYPE  | SOW                    |
| SENSOR CORD TYPE | 18AWG                  |
| MOTOR HOUSING    | Cast Iron              |
| CASING           | Cast Iron              |
| IMPELLER         | Cast Iron              |
| MOTOR SHAFT      | 416SS                  |
| HARDWARE         | SS                     |
| "O" RINGS        | Viton™                 |
| MECHANICAL SEALS | SiC Dual mechanical    |
| UPPER BEARING    | 6203                   |
| LOWER BEARING    | 5208 Angular Contact   |
| CUTTERS          | 440SST - Case Hardened |

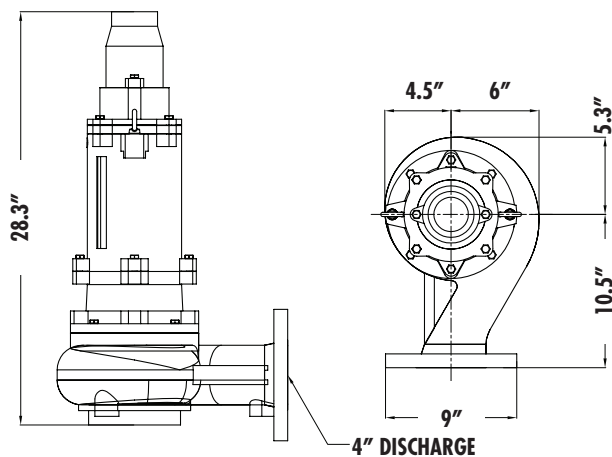
### Electrical Data:

|                         |                             |
|-------------------------|-----------------------------|
| R.P.M.                  | 1750                        |
| MOTOR TYPE              | CSCR (1PH), Induction (3PH) |
| GEN INSULATION CLASS    | H                           |
| STATOR WINDING CLASS    | H                           |
| WINDING INSULATION TEMP | 180°C                       |
| VOLTAGE TOLERANCE       | ±10%                        |
| HP                      | 3                           |
| VOLTAGE                 | 208/230/460                 |
| PHASE                   | 1/3                         |
| SERVICE FACTOR          | 1.42                        |

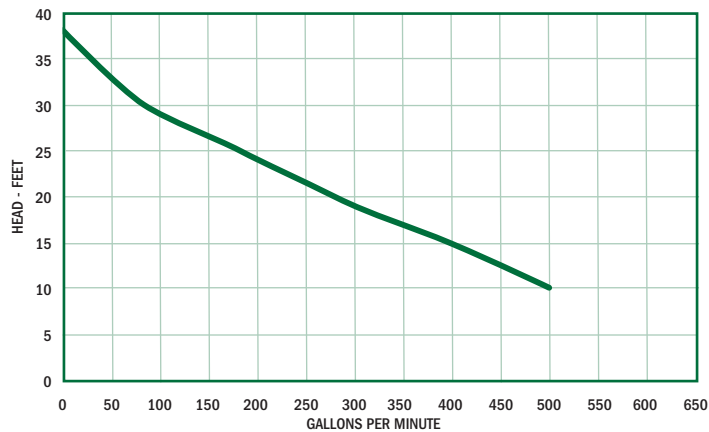
| MODEL       | HP | HZ | VOLTS/PH | RPM  | FULL LOAD AMPS | NEMA START CODE | CORD TYPE | CORD SIZE | CORD O.D. | POTENTIAL RELAY                                                    | START CAPACITOR   | RUN CAPACITOR  |
|-------------|----|----|----------|------|----------------|-----------------|-----------|-----------|-----------|--------------------------------------------------------------------|-------------------|----------------|
| ANC300M2-35 | 3  | 60 | 230/1    | 1750 | 16.0           | G               | SOW       | 12AWG/4C  | .71       | CONT. COIL VOLTAGE: 350V<br>PICK-UP MAX. 200V<br>DROP-OUT MAX. 75V | 161-193UF-220 VAC | 15uF±5%-370VAC |
| ANC300M3-35 | 3  | 60 | 230/3    | 1750 | 8.8            | K               | SOW       | 14AWG/4C  | .62       | N/A                                                                | N/A               | N/A            |
| ANC300M4-35 | 3  | 60 | 460/3    | 1750 | 4.4            | K               | SOW       | 14AWG/4C  | .62       | N/A                                                                | N/A               | N/A            |
| ANC300M5-35 | 3  | 60 | 208/1    | 1750 | 18.0           | G               | SOW       | 12AWG/4C  | .71       | CONT. COIL VOLTAGE: 350V<br>PICK-UP MAX. 200V<br>DROP-OUT MAX. 75V | 161-193UF-220 VAC | 15uF±5%-370VAC |
| ANC300M6-35 | 3  | 60 | 208/3    | 1750 | 10             | K               | SOW       | 14AWG/4C  | .62       | N/A                                                                | N/A               | N/A            |



## Dimensions



## Performance Curve



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