

# TECHNICAL DATA

A

Date 3/20/2012

Series A43

## MOTOR SPECIFICATIONS

|                     |                       |
|---------------------|-----------------------|
| Motor Design        | Air Filled            |
| Applications        | Effluent water        |
| Insulation Class    | Class B               |
| Maximum Liquid Temp | 0-40 C ( 32 - 104 F ) |
| Frequency           | 60 HZ                 |
| RPM                 | 3450                  |

## PUMP & MOTOR DATA

|            |                       |
|------------|-----------------------|
| Impeller   | Enclosed Channel      |
| Solid Size | 1/2"                  |
| Discharge  | 4"                    |
| Motor      | 2 Pole                |
| KW /Hp     | 2.2 / 3 hp            |
| Phase      | 1 & 3                 |
| Cable      | VCT or SJOW/SOW 23 Ft |
| Protection | Auto Cut              |

## MATERIALS OF CONSTRUCTION

|                 |                  |
|-----------------|------------------|
| Motor Housing   | SUS 304          |
| Impeller        | FC-200           |
| Volute          | FC-200           |
| Rotor           | SUS 403          |
| Hardware        | 316 SS           |
| O-Rings         | BUNA"N"          |
| Upper Bearing   | Roller Bearing   |
| Lower Bearing   | Roller Bearing   |
| Mechanical Seal | Silicon /Silicon |
|                 | Carbon /Ceramic  |

## DIMENSIONS, WEIGHT

|                     |              |
|---------------------|--------------|
| Pump weight         | 97 Lbs       |
| Maximum Submergence | 100 Ft       |
| Optional            | Float Switch |

|       |     |      |     |      |      |      |
|-------|-----|------|-----|------|------|------|
| Model | A43 | 1Ph  | 1Ph | 3 Ph | 3 Ph | 3 Ph |
|       |     | 115  | 230 | 230  | 460  | 575  |
| Amps  |     | 14.4 | 8.4 | 4.2  | 3.4  |      |