

# TECHNICAL DATA

AF

Date 12/22/15

Series 80AFU42.2

## MOTOR SPECIFICATIONS

|                     |                       |
|---------------------|-----------------------|
| Motor Design        | Air Filled            |
| Applications        | Waste Water           |
| Insulation Class    | Class B               |
| Maximum Liquid Temp | 0-40 C ( 32 - 104 F ) |
| Frequency           | 60 HZ                 |
| RPM                 | 1710                  |

## PUMP & MOTOR DATA

|            |                       |
|------------|-----------------------|
| Impeller   | Vortex                |
| Solid Size | 3"                    |
| Discharge  | 3"                    |
| Motor      | 4 Pole                |
| KW /Hp     | 2.2 / 3 HP            |
| Phase      | 3                     |
| Cable      | VCT or SJOW/SOW 33 Ft |
| Protection | Auto-Cut              |

## MATERIALS OF CONSTRUCTION

|                 |                 |
|-----------------|-----------------|
| Motor Housing   | FC-200          |
| 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         | 150 LBS |
| Maximum Submergence | 100 Ft  |
| Optional            |         |

|       |           |     |     |      |      |      |
|-------|-----------|-----|-----|------|------|------|
| Model | 80AFU42.2 | 1Ph | 1Ph | 3 Ph | 3 Ph | 3 Ph |
|       |           | 115 | 230 | 230  | 460  | 575  |
| Amps  |           |     |     | 8.9  | 4.5  |      |