

TECHNICAL DATA

AF

Date 12/22/15

Series 80AFU43.7

MOTOR SPECIFICATIONS

| | |
|---------------------|-----------------------|
| Motor Design | Air Filled |
| Applications | Waste Water |
| Insulation Class | Class F |
| 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 | 3.7 / 5 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 | 165 LBS |
| Maximum Submergence | 100 Ft |
| Optional | |

| | | | | | | |
|-------|-----------|-----|-----|------|------|------|
| Model | 80AFU43.7 | 1Ph | 1Ph | 3 Ph | 3 Ph | 3 Ph |
| | | 115 | 230 | 230 | 460 | 575 |
| Amps | | | | 14.6 | 7.3 | |