

TECHNICAL DATA

FN-33U

Date 12/22/15

Series FN

MOTOR SPECIFICATIONS

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

PUMP & MOTOR DATA

| | |
|------------|-----------------------|
| Impeller | Semi-Open U Type |
| Solid | 2" |
| Discharge | 3" |
| Motor | 2 Pole |
| KW /Hp | 2.2 kW / 3 Hp |
| Phase | 1 & 3 |
| Cable | VCT or SJOW/SOW 33 Ft |
| Protection | Auto-Cut |

MATERIALS OF CONSTRUCTION

| | | |
|-----------------|----------------|-------------------|
| Motor Housing | SUS304 | |
| 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 | Lower | Silicon / Silicon |
| | Upper | Carbon / Ceramic |

DIMENSIONS, WEIGHT

| | |
|---------------------|--------------|
| Pump weight | 99 lbs. |
| Maximum Submergence | 100 Ft. |
| Optional | Float Switch |

| | | | | | | |
|-------|--------|-----|------|------|------|------|
| Model | FN-33U | 1Ph | 1Ph | 3 Ph | 3 Ph | 3 Ph |
| | | 115 | 230 | 230 | 460 | 575 |
| Amps | | | 14.2 | 8.4 | 4.2 | 3.4 |