

MOTOR SPECIFICATIONS

| | |
|------------------------------|----------------------------|
| Motor Design | Induction |
| Motor Type | Enclosed submersible |
| Insulation Class | Class F |
| Motor Protection | Bi-metallic Thermal Switch |
| Bi-Metallic Temp Trip | 120° C ± 5° C |
| Service Factor | 1.15 |
| Voltage Tolerance | ± 10% from nominal |



MOTOR DATA, 60Hz

| Model | Phase | Output Power BHP | Volts | Full Load Amps | Locked Rotor Amps | NEMA Code Letter | Power Factor 100% Load | Motor Efficiency 100% Load | Pole/Speed (rpm) |
|---------|-------|------------------|-------|----------------|-------------------|------------------|------------------------|----------------------------|------------------|
| SKR-337 | 3 | 5.0 | 230 | 15 | 75 | G | 0.830 | 0.800 | 4/1800 |
| | 3 | 5.0 | 460 | 7.7 | 45 | J | 0.820 | 0.800 | 4/1800 |
| | 3 | 5.0 | 575 | 6.3 | 30 | G | 0.830 | 0.810 | 4/1800 |

MATERIALS OF CONSTRUCTION

| | |
|---------------------------------------|---------------------------------------|
| Upper Motor Lid | FC-20 Cast Iron |
| Motor Housing | FC-20 Cast Iron |
| Oil Chamber | FC-20 Cast Iron |
| Volute | FC-20/FCD 45 Cast Iron Ductile Iron |
| External Hardware | AISI 304 Stainless Steel |
| O-Rings | NBR |
| Motor Shaft | Stainless Steel (SUS 410) |
| Upper Bearing | Single ball bearing, Sealed |
| Lower Bearing(s) | Single ball bearing, Sealed |
| Upper Shaft Seal | CA/CE |
| Lower Shaft Seal | SiC/SiC |
| Impeller, wear plate, agitator | High Chrome Alloy |

DIMENSIONS, WEIGHT, AND MISC.

| | |
|--------------------------------------|--------------------------|
| Pump weight | 242lbs (109.7kg) |
| Maximum submergence | 33 feet (10m) |
| Discharge size, standard | 3-inch NPT male vertical |
| Maximum temp. of pumped fluid | 104°F (40°C) |

CABLE SPECIFICATIONS

| MODEL | PHASE/VOLTAGE | POWER CABLE | LENGTH | OUTER JACKET |
|---------|---------------|-------------|--------------|--------------|
| SKR-337 | 3Ø-230V | 8/3 G-GC | 50feet (15m) | CPE* |
| | 3Ø-460V | 8/3 G-GC | 50feet (15m) | CPE* |
| | 3Ø-575V | 8/3 G-GC | 50feet (15m) | CPE* |

Power cable suitable for all standard voltages listed in "MOTOR DATA" section.

Specifications subject to change without notice



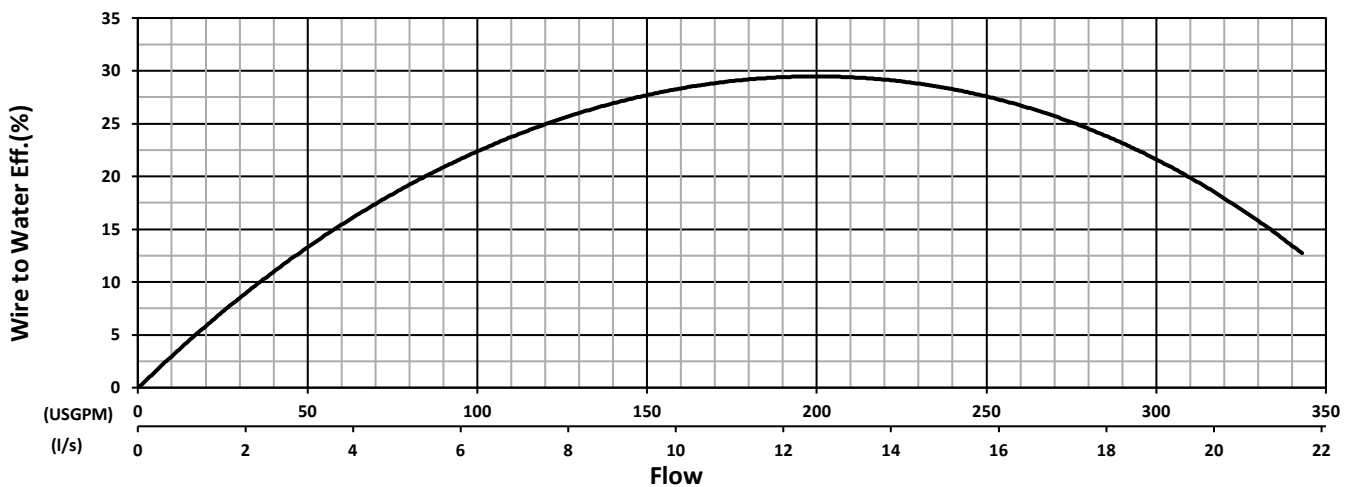
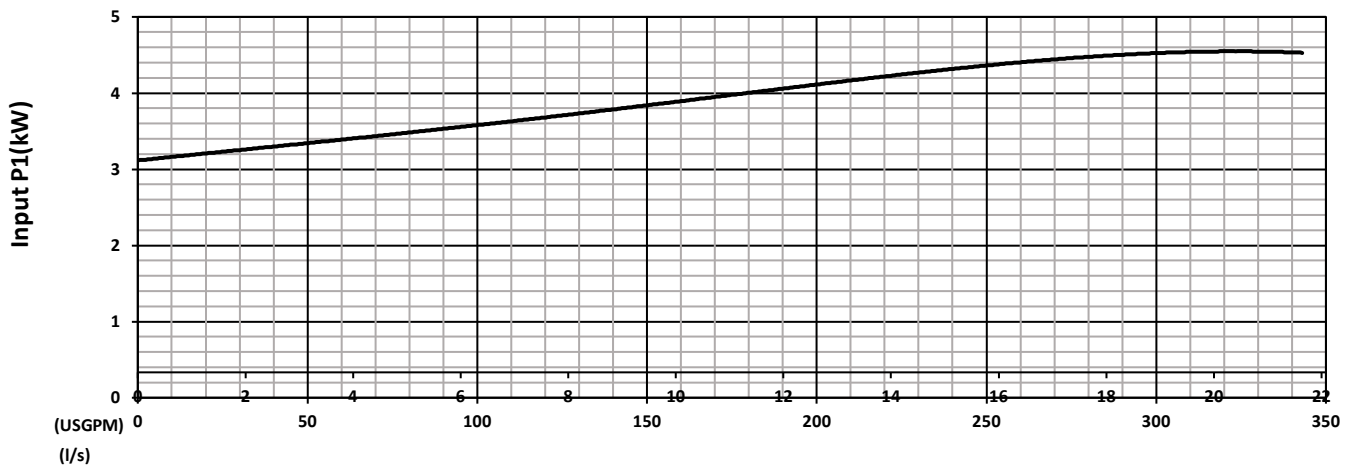
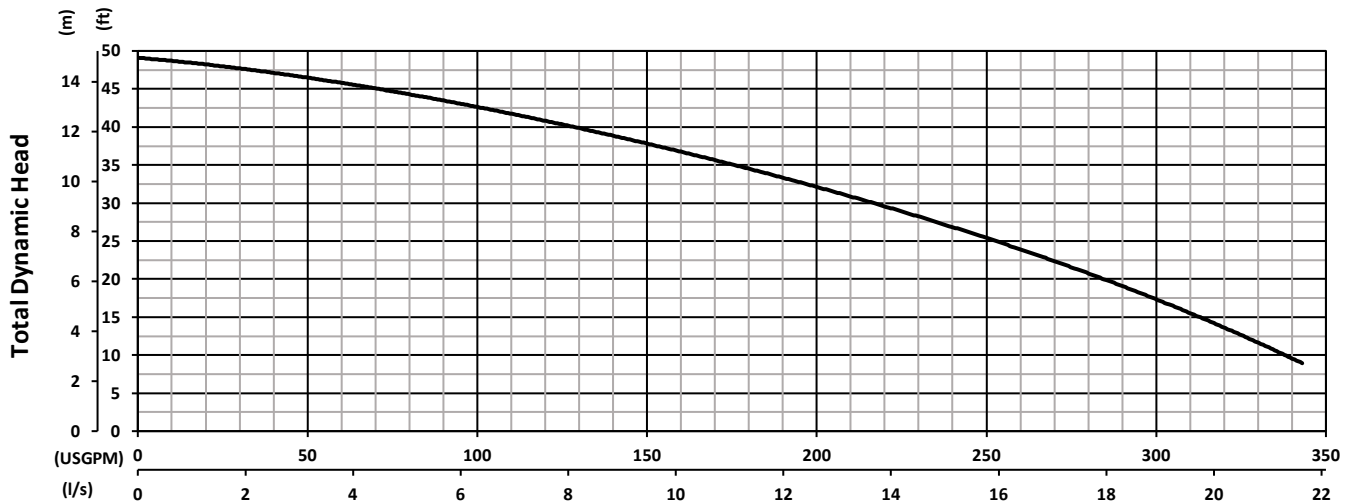
PERFORMANCE CURVE

Avenger Series SKR-337

Dwg: DS-A06-003

Rev: 3

Date: 12/6/2017



Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

Pump Performance Test - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller Ø195mm

Specifications subject to change without notice