

STINGER

3.0



| ALTERNATOR DETAIL | HYDRAULIC SYSTEM | HYDRAULIC PUMP | AIR FLOW |
|--|--|--|----------|
| <p>DESIGN: Brushless, revolving field, two pole, 3600 rpm for 60 Hz or optional 50 Hz operation</p> <p>REGULATION: (+/-) 5% voltage regulation from nameplate rating</p> <p>WAVEFORM: Harmonic distortion limited to 7%</p> <p>INSULATION: Class H, 200 degree F, slot insulation, varnish and copper windings.</p> <p>PF: 1.0 (unity) for single-phase units</p> | <p>TYPE OF OIL: Use a premium grade hydraulic oil, such as Mobile DTE series oil or an equivalent</p> <p>VISCOSITY: Optimum operating viscosity is ISO 46 for best performance in all conditions</p> <p>CAPACITY: The reservoir capacity will vary with each generator. Please see the "Reservoir Capacity" in the generator specifications</p> | <p>MIN INPUT: 980 rpm MAX INPUT: 3300 rpm DISPLACEMENT: 45cc MAX TEMP: 200 Degrees F MIN TEMP: -15 Degrees F WEIGHT: 42 lb MAX TORQUE: 132 lbft SHAFT: SAE-B 7/8" 13T Splined SAE-BB 1.00" Keyed MAX PRESSURE: 4,000 psi MAX VACUUM: 10.0 inHg</p> | |

| 3.0 kW | | | | | | | | | | | Reservoir |
|---------------|--------|--|--|--|--|--|--|--|--|--|-----------|
| Length | 18.50 | | | | | | | | | | 6.0 |
| Width | 17.63 | | | | | | | | | | 14.6 |
| Height | 17.0 | | | | | | | | | | 14.1 |
| Weight | 108 | | | | | | | | | | 20 |
| Max Kw | 3.0 | | | | | | | | | | |
| HP Required | 7 | | | | | | | | | | |
| AMP/120 VAC | 25 | | | | | | | | | | |
| AMP/240 VAC | N/A | | | | | | | | | | |
| Max PSI | 1500 | | | | | | | | | | |
| Oil Viscosity | ISO 46 | | | | | | | | | | |
| Reservoir GAL | | | | | | | | | | | 2.5 |
| Flow Rate GPM | 8 | | | | | | | | | | |
| Alt Speed RPM | 3600 | | | | | | | | | | |

*Reservoirs is shipped remote mounted **Generator dimensions and weights don't include the reservoir.