MTE HYDRAULIC GENERATORS

G Series Hydraulic Driven Generators
2.4-3.0kW—120VAC, 1PH, 60HZ / 2.3-2.9kW—115VAC, 1PH, 50HZ
2.3-3.5kW—230VAC, 1PH, 50HZ

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GENERAL INFORMATION

1. GENERATOR:
   A) 3.0-3.7kVA (3.0-3.7kW), COMPOUND WOUND WITH BRUSHES
   B) 2 POLE (3600 RPM)
   C) INGRESS PROTECTION (IP) RATING: 23
   D) CLASS H INSULATION

2. HYDRAULIC MOTOR:
   A) DISPLACEMENT: 3.7-5.5cc (0.22-0.34 IN³/REV.) - PRESSURE BALANCED GEAR STYLE
   B) RATED SPEED: 4000 RPM CONTINUOUS.
   C) RATED PRESSURE: 3045 PSI, 3770 PSI MAX
   D) ROTATION: CCWDE

3. MAXIMUM RATED AMPS: 25 (115-120VAC), 15 (230VAC)
5. SUPPLY FLOW: 4.5-10 GPM (2.3-2.4kW), 6.0-12.0 GPM (2.9-3.5kW)
6. OVERALL DIMENSIONS (INCHES): 8.4 WIDTH x 20.4 LENGTH x 9.7 HEIGHT

PERFORMANCE CHART

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<tr>
<th>Hydraulic Pressure Req’d (PSI)</th>
<th>Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>3500</td>
<td>0</td>
</tr>
<tr>
<td>3000</td>
<td>0</td>
</tr>
<tr>
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<td>2000</td>
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<td>1500</td>
<td>0</td>
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<tr>
<td>1000</td>
<td>0</td>
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<tr>
<td>500</td>
<td>0</td>
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</tbody>
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HYDRAULIC SCHEMATIC

[Diagram showing hydraulic schematic with labels such as Generator Head, Hydraulic Motor, DC Controller, Electro-Proportional Valve, Relief Valve, Manifold, Function/Return Port, Case Drain Port, 120/240, 115/230 VAC Output, and other hydraulic ports and connections.]