Threaded Body and Block Body Style Screw Pump

- Simple, inexpensive power supply for small systems.
- Ideally suited to powering work supports when used on manual clamping fixtures.
- Heavy duty threaded screw can be driven by a precision "nut runner" for fast and precise actuation (maximum RPM = 500).
- Block style bolts down, threaded body can be mounted through a bulkhead with the two retaining collars provided.

Max. Working Pressure ...................................................... 5,000 psi
Capacity................................................................. 1.57 cu. in.
Volume per Revolution................................................... 0.13 cu. in.
Body ................................................................. BHC™ heat treated alloy steel
Screw ................................................................. Hardened acme (6 tpi) threads

NOTE: Accumulator effect of Vektek hose is required for use with the Vektek screw pump. We recommend a hose on all screw pump installations.

Applied Torque Produces
Approximate Output Pressure

<table>
<thead>
<tr>
<th>Torque</th>
<th>Pressure</th>
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</thead>
<tbody>
<tr>
<td>10 Ft. Lbs</td>
<td>1,000 psi</td>
</tr>
<tr>
<td>20 Ft. Lbs</td>
<td>2,000 psi</td>
</tr>
<tr>
<td>25 Ft. Lbs</td>
<td>3,000 psi</td>
</tr>
<tr>
<td>30 Ft. Lbs</td>
<td>4,000 psi</td>
</tr>
<tr>
<td>35 Ft. Lbs</td>
<td>5,000 psi</td>
</tr>
</tbody>
</table>

Screw Pump capacity 1.57 cu. in.
7/8 & 1 1/16 Hex adapters are supplied with each screw pump.

Threaded Body Screw Pump

Model No.
55-8190-01

Block Body Screw Pump

Model No.
55-8190-00