DG-SERIES
25-50 HP \ DIRECT GEAR DRIVE \ INDUSTRIAL ELECTRIC COMPRESSORS

25 DG \ 30 DG \ 40 DG \ 50 DG

*Shown with optional tank mount
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>25 DG</th>
<th>30 DG</th>
<th>40 DG</th>
<th>50 DG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity @ 125 PSI cfm</td>
<td>105</td>
<td>120</td>
<td>150</td>
<td>203</td>
</tr>
<tr>
<td>Motor hp (kW)</td>
<td>25 (19)</td>
<td>30 (22)</td>
<td>40 (30)</td>
<td>50 (37)</td>
</tr>
<tr>
<td>Motor Speed RPM</td>
<td>1,750</td>
<td>1,750</td>
<td>1,750</td>
<td>1,750</td>
</tr>
<tr>
<td>Sump Capacity gallons (liters)</td>
<td>6 (22)</td>
<td>6 (22)</td>
<td>6 (22)</td>
<td>6 (22)</td>
</tr>
<tr>
<td>Discharge NPT inches</td>
<td>1”</td>
<td>1”</td>
<td>1 ¼”</td>
<td>2”</td>
</tr>
<tr>
<td>Length (A) inches (mm)</td>
<td>64 (1,626)</td>
<td>64 (1,626)</td>
<td>65 (1,651)</td>
<td>65 (1,651)</td>
</tr>
<tr>
<td>Width (B) inches (mm)</td>
<td>33 (838)</td>
<td>33 (838)</td>
<td>35 (889)</td>
<td>34 (864)</td>
</tr>
<tr>
<td>Height (C) inches (mm)</td>
<td>37 (940)</td>
<td>37 (940)</td>
<td>37 (940)</td>
<td>43 (940)</td>
</tr>
<tr>
<td>Weight pounds (kg)</td>
<td>950 (431)</td>
<td>990 (449)</td>
<td>1,220 (553)</td>
<td>1,320 (599)</td>
</tr>
</tbody>
</table>

Note: Rated capacity in ACFM is based on standard conditions @125 psig. Capacity will vary with ambient conditions; i.e. temperature and barometric pressure, and compressor output pressure.

### FEATURES

**COMPRESSOR UNIT:**
- Fluid flooded rotary screw, continuous duty, industrial air compressor.
- Direct coupled to motor for positive alignment.

**ELECTRIC MOTOR:**
- Nema T-frame, C-face double shaft, open drip proof squirrel cage induction type.
- 200/230/460/575/3/60 - 380/3/50

**MOTOR STARTER:**
- Full voltage magnetic starter with 115 controls, Nema 1 enclosure, circuit breaker, transformer and three-phase overload protector.
- Nema 4, Wye Delta and VFD optional

**COUPLING & DRIVE:**
- Compressor is flange mounted to motor C-face for positive alignment and gear driven with low maintenance coupling.

**AIR INTAKE FILTER:**
- Corrosion resistant housing
- Oversize multi-stage dry type with replaceable element.

**COOLING SYSTEM:**
- Air-cooled with air oil aftercooler and factory filled with Palasyn 45 synthetic lubricoolant.

**CONTROLS:**
- Auto dual control, full modulation, timed stop or constant run standard.
- Analog controlled for smooth operation and lowest possible no load power.
- Optional microprocessor.

**INSTRUMENTATION:**
- Line pressure gauge, fluid reservoir sightglass, hour meter, discharge temperature gauge, fluid filter and separator element differential gauges.

**PROTECTIVE DEVICES:**
- Class 20 overload relay, high temperature and overpressure shutdown.

**LUBRICATION:**
- Factory filled with Palasyn 45.
- Equipped with microfiber full flow, spin on oil filter.

* tanks size may vary  

« Air Compressor shown with optional enclosure and microprocessor