# V228 Diesel Engines

## Electronic Fuel Injected (EFI)

<table>
<thead>
<tr>
<th>Item</th>
<th>8V228</th>
<th>12V228</th>
<th>16V228</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of cylinders</td>
<td>8</td>
<td>12</td>
<td>16</td>
</tr>
<tr>
<td>Stroke cycle</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Cylinder arrangement</td>
<td>45-degree V</td>
<td>45-degree V</td>
<td>45-degree V</td>
</tr>
<tr>
<td>Bore</td>
<td>228.6 mm (9 in)</td>
<td>228.6 mm (9 in)</td>
<td>228.6 mm (9 in)</td>
</tr>
<tr>
<td>Stroke</td>
<td>266.7 mm (10.5 in)</td>
<td>266.7 mm (10.5 in)</td>
<td>266.7 mm (10.5 in)</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>15.7:1</td>
<td>15.7:1</td>
<td>15.7:1</td>
</tr>
</tbody>
</table>

### Power Output at 1050 rpm

<table>
<thead>
<tr>
<th>Item</th>
<th>8V228</th>
<th>12V228</th>
<th>16V228</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous</td>
<td>1526 kW (2045 bhp)</td>
<td>1526 kW (2045 bhp)</td>
<td>1526 kW (2045 bhp)</td>
</tr>
<tr>
<td>Maximum</td>
<td>1678 kW (2250 bhp)</td>
<td>1678 kW (2250 bhp)</td>
<td>1678 kW (2250 bhp)</td>
</tr>
</tbody>
</table>

### Power Output at 1000 rpm

<table>
<thead>
<tr>
<th>Item</th>
<th>8V228</th>
<th>12V228</th>
<th>16V228</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous</td>
<td>1453 kW (1948 bhp)</td>
<td>2180 kW (2922 bhp)</td>
<td>2906 kW (3896 bhp)</td>
</tr>
<tr>
<td>Maximum</td>
<td>1598 kW (2143 bhp)</td>
<td>2398 kW (3214 bhp)</td>
<td>3197 kW (4286 bhp)</td>
</tr>
</tbody>
</table>

### Power Output at 900 rpm

<table>
<thead>
<tr>
<th>Item</th>
<th>8V228</th>
<th>12V228</th>
<th>16V228</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous</td>
<td>1308 kW (1753 bhp)</td>
<td>1962 kW (2630 bhp)</td>
<td>2616 kW (3506 bhp)</td>
</tr>
<tr>
<td>Maximum</td>
<td>1438 kW (1929 bhp)</td>
<td>2158 kW (2893 bhp)</td>
<td>2877 kW (3857 bhp)</td>
</tr>
</tbody>
</table>

### Engine Dimensions

<table>
<thead>
<tr>
<th>Item</th>
<th>8V228</th>
<th>12V228</th>
<th>16V228</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height w/ deep sump</td>
<td>2762 mm (109 in)</td>
<td>2762 mm (109 in)</td>
<td>3030 mm (119 in)</td>
</tr>
<tr>
<td>Height w/ shallow sump</td>
<td>2555 mm (101 in)</td>
<td>2555 mm (101 in)</td>
<td>2555 mm (101 in)</td>
</tr>
<tr>
<td>Length</td>
<td>3298 mm (130 in)</td>
<td>4136 mm (163 in)</td>
<td>4975 mm (196 in)</td>
</tr>
<tr>
<td>Width</td>
<td>1734 mm (68 in)</td>
<td>1734 mm (68 in)</td>
<td>1734 mm (68 in)</td>
</tr>
<tr>
<td>Crank center line to marine sump</td>
<td>978 mm (39 in)</td>
<td>968 mm (38 in)</td>
<td>1246 mm (49 in)</td>
</tr>
<tr>
<td>Crank center line to mounting feet</td>
<td>480 mm (19 in)</td>
<td>480 mm (19 in)</td>
<td>480 mm (19 in)</td>
</tr>
<tr>
<td>Exhaust diameter</td>
<td>457 mm (18 in)</td>
<td>508 mm (20 in)</td>
<td>610 mm (24 in)</td>
</tr>
<tr>
<td>Dry Weight</td>
<td>12,478 kg (27,509 lbs)</td>
<td>17,778 kg (39,200 lbs)</td>
<td>22,132 kg (48,800 lbs)</td>
</tr>
</tbody>
</table>

Visit the Technical Library for more information:

[http://engine.od.ua](http://engine.od.ua)