EPEC 4.5 Litre DES
Tier 3 Electronic Explosion Proof Diesel Engine System

xplosionproof.com
Product Benefits

- Lower fuel costs
- Lower maintenance costs
- Lower operating costs
- Lower life cycle costs
- Higher availability
- Smaller, lighter and more powerful

Product Features

- US EPA Tier 3 base engine
- High pressure common rail fuel system
- Full authority Electronic Controls
- Low water consumption exhaust conditioner
- Maintenance free particulate filter
- 115% increase in torque and 50% increase in power over mechanical equivalent

Performance Curve

4.5L 110HP @ 2500 RPM

EPEC 4.5 Litre DES
Tier 3 Electronic Explosion Proof Diesel Engine System
Technical Specifications

Specifications

Bore and stroke 102 x 120mm
Displacement 4.5 litres
Oil Capacity 10.9 litres
Engine Weight (Bare, wet) 392.5kg

Ratings/Performance

<table>
<thead>
<tr>
<th></th>
<th>Power (Rated)</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kW</td>
<td>Nm</td>
</tr>
<tr>
<td>100 Rating</td>
<td>73@2000RPM</td>
<td>431@1500RPM</td>
</tr>
<tr>
<td>115 Rating</td>
<td>86@2300RPM</td>
<td>438@1700RPM</td>
</tr>
</tbody>
</table>

Warranty

Coverage for 12 months or 1,000 hours of operation from date of delivery or after first 50 hours of usage. See website for details.

Schematics

Stress Tested Particulate Filter
Safety is Paramount

EPEC manufacture and supply explosion proof diesel engine systems (DES) for underground mining and other hazardous locations compliant with Australian underground coal mining, the strictest explosion proof regulations worldwide.

Protecting people, protecting assets