**INDUSTRIAL SPECIFICATIONS**

**PERFORMANCE RATING**

- **Maximum Horsepower:** 240* hp
  - @ 2500 rpm
- **Maximum Torque:** 730 lb-ft
  - @ 1500 rpm
- **Nominal Torque Rise:** 45%
- **Fuel Economy:** .359 lb/bhp-hr
  - @ 2500 rpm

* 275 hp available as a restricted rating

Curves shown represent gross engine performance capabilities obtained and corrected in accordance with SAE J1995 conditions of 100 kPa (29.61 in. Hg) barometric pressure (91 m [300 ft.] altitude), 25 °C (77 °F) inlet air temperature, and 1 kPa (0.30 in. Hg) water vapor pressure with No. 2 diesel fuel.

All data is based on the engine operating with fuel system, water pump, and 250 mm H₂O (10 in. H₂O) inlet air restriction and with 50 mm Hg (2.0 in. Hg) exhaust restriction; not included are alternator, fan, optional equipment and driven components.

The engine may be operated without changing the fuel setting up to 3040 m (10,000 ft.) altitude and 38 °C (100 °F).
**Key Features**

Parent Bore Cylinder Block  Structurally redesigned for reduced noise and increased durability; with integrated water pump, lube pump and cooler housings, and coolant bypass to eliminate leaks.

Wastegated HX35 Turbocharger  Custom-designed by Holset for high-speed ratings. Wastegated for better low engine speed performance and high engine speed boost.

Full-Authority Electronic Controls  Cummins proprietary design with a Motorola microprocessor. Industry standard J1587 and J1939 datalinks.

Forged-Steel Crankshaft  Full fillet-hardened and integrally balanced, with internal cross-drilling for lubrication. Integrated speed indicator ring for precise engine control.

No-Adjust Overhead  Rocker system designed for minimum 5,000-hour maintenance.

**Specifications**

Engine Type ..................................In-line
Number of Cylinders ....................6
Displacement ................................5.9 L (360 cu. in.)
Bore and Stroke ............................4.02 in. (102 mm) x 4.72 in. (120 mm)
Compression Ratio ......................16.3:1
Oil System Capacity......................14.2 L (15 U.S. qt.)

**Ratings**

<table>
<thead>
<tr>
<th>Engine Model</th>
<th>Rated Power HP</th>
<th>Peak Power HP</th>
<th>Peak Torque LB-FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QSB5.9-275*</td>
<td>275 @ 2500</td>
<td>275 @ 2300</td>
<td>660 @ 1600</td>
</tr>
<tr>
<td>QSB5.9-240*</td>
<td>240 @ 2500</td>
<td>250 @ 2300</td>
<td>730 @ 1500</td>
</tr>
<tr>
<td>QSB5.9-220</td>
<td>220 @ 2500</td>
<td>230 @ 2300</td>
<td>705 @ 1500</td>
</tr>
<tr>
<td>QSB5.9-205</td>
<td>205 @ 2500</td>
<td>215 @ 2300</td>
<td>650 @ 1500</td>
</tr>
<tr>
<td>QSB5.9-190</td>
<td>190 @ 2500</td>
<td>200 @ 2300</td>
<td>600 @ 1500</td>
</tr>
</tbody>
</table>

*Restricted Rating

Additional ratings may be available. Check with your Cummins distributor or dealer.