The small, highly efficient A160-L turbocharger for modern two-stroke marine engines, completes the A100-L series offering operational efficiency and flexibility.

The smallest of the A100-L series
A160-L is the smallest turbocharger for low-speed two-stroke engines in ABB Turbocharging’s A100-L family. Highly efficient and with a pressure ratio of up to 5.0, it is truly a smart performer. Like all A100-L turbochargers, the A160-L enables IMO Tier III NOx emissions compliance at minimized fuel consumption.

A160-L turbocharger meets market demands
ABB Turbocharging engineers developed the A160-L based on market requirements for small bore two-stroke diesel, dual-fuel and gas engines. It extends and completes the A100-L product portfolio offering a smaller, more compact turbocharger for engine applications of up to 4,300 kW.

A160-L design features
- High efficiency and high pressure ratios for the reduction of engine fuel oil consumption and engine emissions.
- High pressure ratios: up to 5.0 for two-stroke applications.
- Exceptionally wide compressor maps.
- Long intervals between overhauls (from “drydock” to “drydock”).
- Simplified, rapid maintenance.
- Meets international marine noise standards.
- Endoscopic inspection of internal parts by the ABB Turbocharging global service organization.

Options
Depending on the model required, A100-L turbochargers are available with a range of optional features:
- The high pressure ratio allows High Pressure Tuning for further optimization of engine performance and fuel efficiency.
- Noise reduction package.
- Turbocharger cut-off package for dual rating applications.

A160-L basic data
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>1.7 m</td>
</tr>
<tr>
<td>Width</td>
<td>0.9 m</td>
</tr>
<tr>
<td>Height</td>
<td>1.32 m</td>
</tr>
<tr>
<td>Weight</td>
<td>1,330 kg</td>
</tr>
<tr>
<td>Max volume flow</td>
<td>7.5 m³/s</td>
</tr>
<tr>
<td>Max pressure ratio</td>
<td>up to 5.0</td>
</tr>
</tbody>
</table>