Technical Data

Driver
- Electric motor, gas turbine or internal combustion engine

Min. suction pressure [bara]
- ≤ 1

Discharge pressure [bara]
- Max. 800 bara (calculated & designed)
- Tested and referenced up to 650 bara

Flow rate [m³/h]
- Max. 230,000 m³/h

Power range [MW]
- Up to 60 MW

Efficiency [%]
- Approx. > 80% overall efficiency possible

No of impeller stages
- Max. 10

Table of modular, pre-engineered design

<table>
<thead>
<tr>
<th>Module</th>
<th>Casing (C28)</th>
<th>Casing (C35)</th>
<th>Casing (C45)</th>
<th>Casing (C56)</th>
<th>Casing (Cxx - C112)</th>
<th>VHP* applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design pressure [bara]</td>
<td>500</td>
<td>160</td>
<td>180</td>
<td>130</td>
<td>- e.g. 800</td>
<td>500-800</td>
</tr>
<tr>
<td>Average inlet volume flow [m³/h]</td>
<td>2,000</td>
<td>6,000</td>
<td>14,000</td>
<td>22,000</td>
<td>&lt; 230,000</td>
<td>-</td>
</tr>
<tr>
<td>Max. power [MW]</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>60</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*Very High Pressure

RB Skid

All data provided in this document is non-binding. This data serves informational purposes only and is especially not guaranteed in any way. Depending on the subsequent specific individual projects, the relevant data may be subject to changes and will be assessed and determined individually for each project. This will depend on the particular characteristics of each individual project, especially specific site and operational conditions. Copyright © MAN Diesel & Turbo.
RB – Barrel Type Centrifugal Compressors

The MAN Diesel & Turbo barrel type compressor is a single-shaft centrifugal compressor for applications in Oil & Gas, hydrogen, chemical & petrochemical, i.e. hydrocarbon production, hydrogen recovery, hydro-cracking, devulcanization, FCC, propane dehydrogenation, methanol, xylene, toluene, styrene, ammonia, urea, nitric acid, industrial gases, air separation, nitrogen, oxygen, paper, coke oven, IGCC, furization, FCC, propane dehydrogenation.