3-STAGE HIGH PRESSURE COMPRESSORS

The medium pressure range of industrial air compressors from the technology leader in high pressure features continuous-duty rated, 3-stage, air cooled, pressure lubricated compressors for the most demanding requirements. The full-featured PLC control system with HMI allows for unattended, automatic operation. Heavy-duty frames and balanced compressor designs do not require a special foundation for installation.

› PRESSURE:
  400 to 1000 PSIG
  (28 to 69 BAR)

› CHARGING RATE:
  7.5 to 240 SCFM
  (212 to 6800 L/MIN)

› POWER:
  5 to 150 HP
  (3.7 to 110 kW)
STANDARD SCOPE OF SUPPLY

› 3-stage, air cooled, pressure lubricated, continuous-duty rated reciprocating compressor
› Electric motor with v-belt drive, belt guard and belt tensioning device
› Automatic condensate drain with condensate collector (collector includes switch for high condensate level)
› Automatic operation with PLC controller (includes operator keypad and text display for operation, maintenance and troubleshooting)
› NEMA 4 rated electrical enclosure with UL listed control panel
› Fused control voltage transformer
› Hourmeter
› Pressure sensors for oil pressure and final pressure
› Temperature switch
› Emergency stop push button
› Audible alarm
› Ambient temperature range 40° to 113° F
› 24 month warranty

AVAILABLE ACCESSORIES

› Enclosure

30 - 125 HP MODELS

› Soft Starter
› TEFC motor
› Fused disconnect

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity FAD¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>Drive</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>SCFM</td>
<td>L/MIN</td>
<td>HP</td>
<td>kW</td>
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<tr>
<td>350 - 1000 PSIG (24 - 69 BAR)</td>
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<tr>
<td>B12.4</td>
<td>7.5</td>
<td>212</td>
<td>3</td>
<td>5</td>
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<td>24  - 33</td>
<td>680 - 935</td>
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<td>15 - 20</td>
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<td>48  - 61</td>
<td>1360 - 1728</td>
<td>3</td>
<td>30 - 40</td>
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<td>50</td>
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<td>2832 - 3200</td>
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<td>60 - 75</td>
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<td>B28.3²</td>
<td>200 - 240</td>
<td>5665 - 6800</td>
<td>3</td>
<td>125 - 150</td>
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</table>

1) Compressor capacity (FAD) is referenced to standard inlet conditions and 80% of the compressor’s maximum working pressure. Tolerance +/- 5%.
2) 3-phase motors only, 60 Hz standard. 50 Hz available on request.
3) Maximum discharge pressure of 900 PSIG.

E1 = 230/1/60   E3 = 230 - 460/3/60 Other voltages and frequencies available upon request. Engine drives available.