Belt Drive
Rotary Screw Air Compressors
5 to 30 HP
BELT DRIVE ROTARY SCREW AIR COMPRESSORS
5 TO 15 HP

THE QUIET COMPRESSED AIR SYSTEM
Ideal for automotive repair and body shops, the BelAire line of rotary screw compressors are built to provide reliable and efficient compressed air in a compact design. BelAire rotary screw compressors allow for 100% duty in a extremely quiet, user friendly package.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BR5</th>
<th>BR7.5</th>
<th>BR10</th>
<th>BR15</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP</td>
<td>5</td>
<td>7.5</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>acfm @ 125 psig</td>
<td>N/A</td>
<td>N/A</td>
<td>37</td>
<td>52</td>
</tr>
<tr>
<td>acfm @ 150 psig</td>
<td>16.6</td>
<td>21.2</td>
<td>33</td>
<td>47</td>
</tr>
<tr>
<td>Max Pressure</td>
<td>150</td>
<td>150</td>
<td>128/150</td>
<td>128/150</td>
</tr>
<tr>
<td>Sound Level (dBA)</td>
<td>62</td>
<td>64</td>
<td>66</td>
<td>68</td>
</tr>
<tr>
<td>Length (in)</td>
<td>56</td>
<td>56</td>
<td>73</td>
<td>73</td>
</tr>
<tr>
<td>Width (in)</td>
<td>22</td>
<td>22</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>Height (in)</td>
<td>50</td>
<td>50</td>
<td>58</td>
<td>58</td>
</tr>
<tr>
<td>Net Wt. (lbs)/</td>
<td>463/485</td>
<td>468/490</td>
<td>775/845</td>
<td>815/885</td>
</tr>
<tr>
<td>Shipping Wt. (lbs)</td>
<td>(w/o dryer)</td>
<td>(w/ dryer)</td>
<td>543/565</td>
<td>548/570</td>
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</tbody>
</table>

Notes:
1. 230v single phase models available in 5 and 7.5 horsepower.
2. BR5 - 15 tri-voltage 3-phase motors and starters can be installed in 208, 230, 460, or 575v power supply.
3. BR shipped with factory fill of lubricant suitable for 4,000 hours operation in clean environment.

FEATURES
• Low Sound Enclosure
• 150 psig Standard (125 psig available 10-15 hp)
• Continuous Operating Capability
• Space Saving Design, <12 ft²
• Across-The-Line Motor Starter
• ASME/CRN Receiver Tank (5 – 7.5HP - 60 Gal, 10 – 15HP - 120 Gal)
• Tri-Voltage, TEFC Motor
• UL and UL-C Approved Control Panel
BELT DRIVE ROTARY SCREW AIR COMPRESSORS
20 TO 30 HP

THE QUIET COMPRESSED AIR SYSTEM
BelAire Rotary Screw Compressors are ideal for automotive and light industrial applications. A proven design provides superior performance along with quiet operation and are built to handle even the most demanding compressed air needs.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BR20</th>
<th>BR25</th>
<th>BR30</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP</td>
<td>20</td>
<td>25</td>
<td>30</td>
</tr>
<tr>
<td>acfm @ 100 psig</td>
<td>90</td>
<td>111</td>
<td>130</td>
</tr>
<tr>
<td>acfm @ 125 psig</td>
<td>84</td>
<td>99</td>
<td>122</td>
</tr>
<tr>
<td>acfm @ 150 psig</td>
<td>74</td>
<td>94</td>
<td>109</td>
</tr>
<tr>
<td>Sound Level (dBA)</td>
<td>63</td>
<td>66</td>
<td>68</td>
</tr>
<tr>
<td>Length (in)</td>
<td>53</td>
<td>53</td>
<td>53</td>
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<td>Width (in)</td>
<td>31</td>
<td>31</td>
<td>31</td>
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<tr>
<td>Height (in)</td>
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<td>48</td>
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<tr>
<td>Base Weight</td>
<td>893</td>
<td>913</td>
<td>948</td>
</tr>
</tbody>
</table>

FEATURES
- Low Sound Enclosure
- 100 - 175 psig
- Continuous Operating Capability
- Space Saving Design, <12 ft²
- Maintenance < 15 minutes

- Wye-Delta, Reduced Voltage Start
- Electronic Microprocessor Control
- Tri-Voltage, TEFC Motor
- Load/No Load With Intelligent Shutdown

Low Sound Enclosure Reduces Employee Fatigue
Easy Access Maintenance Items from a Single Panel
Industrial Motor and Airend Ensure Reliable Performance
Separator with Oil Sight Glass

Heavy Duty, Pre-Filtered Intake Provides Component Protection
Microprocessor Control Intelligently Controls Operation
Rugged Baseplate Gives Easy Access from All Sides
SIMPLICITY AND RELIABILITY

EASY AND ECONOMICAL MAINTENANCE

With easily accessible service panels, BelAire Rotary Screw Compressors allow for simple and time saving maintenance. Spin on oil filter and separator cartridge can be changed quickly, saving valuable time and money. Proper maintenance will ensure long term, trouble-free service. Annual maintenance kits available. Contact your distributor for original factory parts.

Unloader Line to Inlet
Air / Oil Separator
Air / Oil Filter
Thermostatic Oil Valve
Oil Cooler
Air / Oil Tank
Oil Sight Glass
Oil Drain Valve

Front View

Pressure Switch
Adjustable V-Belt Drive
High Efficency TEFC Motor
Vibration Isolators

Air Inlet & Filter
Rotary Screw Compressor
Air / Oil Temperature Sensor
Inlet Cooling Fan
Rugged Base Plate

Rear View
INTELLIGENT SAVINGS
The BR 20-30 is managed by the ES3000, an electronic control unit programmed for energy saving operation with intelligent shut-down. It is known that when the motor is not running it does not consume electric power so the goal of the ES3000 is to let the electric motor work for the shortest period of time during idle operation. The intelligent shut-down feature can save a customer hundreds of dollars per year.

The ES3000 steadily monitors the operation cycles, recognizes usage patterns and notifies you - before a problem occurs!

INTELLIGENT COOLING
The BR 20-30 runs cool and quiet. The dedicated turbine fan provides superior cooling for the entire compressor package while the high efficiency air/oil coolers ensure the 8,000 synthetic lubricant transmits heat away from the airend. The BR 20-30 does not require power consuming oil pumps and with proper maintenance, performance will not degrade over time.

WARRANTY INFORMATION
BelAire compressors are backed by exceptional factory support and a national service network. We are dedicated to providing high quality and reliable equipment to meet all of your compressed air needs. BelAire stands behind our rotary screw compressors with one of the best standard warranties in the industry. No contracts or service agreements. 

Authorized start-up required.

For more information, please contact your local BelAire distributor.

The Compressed Air and Gas Institute, CAGI, is an organization dedicated to improving the compressed air industry through established standards. As a proud member of CAGI, BelAire Compressors publishes all technical data in accordance with CAGI/PNEUROP PN2CPTC2 guidelines and voluntarily allows products to be selected for participation in CAGI’s Performance Verification Program. With BelAire Compressors, our customers know they are receiving the excellent performance that we publish.