



COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable
 Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|-------------------------|------------------------|
| 1 | Manufacturer: | Hodge Compressor | |
| 2 | Model Number | HB7-125 | Date: 7/15/2021 |
| | <input checked="" type="checkbox"/> Air-Cooled <input type="checkbox"/> | | Type: Screw |
| | <input checked="" type="checkbox"/> Oil-Injected <input type="checkbox"/> Oil-Free | | # of Stages: 1 |
| 3 | Rated Capacity at Full Load Operating Pressure ^{a,e} | 25.1 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure ^b | 125 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nominal Rating | 7.5 | hp |
| 7 | Drive Motor Nominal Efficiency | 90.8 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 0.5 | hp |
| 9 | Fan Motor Nominal Efficiency | 77.6 | percent |
| 10 | Total Package Input Power at Zero Flow ^e | 2.3 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d | 7.2 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e | 29.7 | kW/100cfme |
| 13 | Isentropic Efficiency | 50.65 | percent |

NOTE:

- a: Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c: Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d: Total package input power at other than reported operating points will vary with control strategy.
- e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy | No Load / Zero Flow Power |
|--|----------------------|------------------|-----------------|---------------------------|
| m ³ / min | ft ³ / mn | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +1.8 | +/- 10 % |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +1.6 | |
| Above 15 | Above 529.7 | +/- 4 | +1.5 | |

ROT 030.2



COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable
 Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|------------------|---------------------|
| 1 | Manufacturer: | Hodge Compressor | |
| 2 | Model Number | HB10-125 | Date: 7/15/2021 |
| | <input checked="" type="checkbox"/> Air-Cooled <input type="checkbox"/> | | Type: Screw |
| | <input checked="" type="checkbox"/> Oil-Injected <input type="checkbox"/> Oil-Free | | # of Stages: 1 |
| 3 | Rated Capacity at Full Load Operating Pressure ^{a,e} | 37.9 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure ^b | 125 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nominal Rating | 10 | hp |
| 7 | Drive Motor Nominal Efficiency | 91.3 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 0.5 | hp |
| 9 | Fan Motor Nominal Efficiency | 77.5 | percent |
| 10 | Total Package Input Power at Zero Flow ^e | 3.6 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d | 9.8 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e | 26.7 | kW/100cfme |
| 13 | Isentropic Efficiency | 58.7 | percent |

NOTE:

- a: Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c: Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d: Total package input power at other than reported operating points will vary with control strategy.
- e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy | No Load / Zero Flow Power |
|--|----------------------|------------------|-----------------|---------------------------|
| m ³ / min | ft ³ / mn | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +1.8 | +/- 10 % |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +1.6 | |
| Above 15 | Above 529.7 | +/- 4 | +1.5 | |

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COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable
 Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|------------------|---------------------|
| 1 | Manufacturer: | Hodge Compressor | |
| 2 | Model Number | HB15-125 | Date: 7/15/2021 |
| | <input checked="" type="checkbox"/> Air-Cooled <input type="checkbox"/> | | Type: Screw |
| | <input checked="" type="checkbox"/> Oil-Injected <input type="checkbox"/> Oil-Free | | # of Stages: 1 |
| 3 | Rated Capacity at Full Load Operating Pressure ^{a,e} | 58.3 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure ^b | 125 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nominal Rating | 15 | hp |
| 7 | Drive Motor Nominal Efficiency | 91.6 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 0.5 | hp |
| 9 | Fan Motor Nominal Efficiency | 77.3 | percent |
| 10 | Total Package Input Power at Zero Flow ^e | 4.8 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d | 12.9 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e | 23.1 | kW/100cfme |
| 13 | Isentropic Efficiency | 65.25 | percent |

NOTE:

- a: Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c: Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d: Total package input power at other than reported operating points will vary with control strategy.
- e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy | No Load / Zero Flow Power |
|--|----------------------|------------------|-----------------|---------------------------|
| m ³ / min | ft ³ / mn | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +1.8 | +/- 10 % |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +1.6 | |
| Above 15 | Above 529.7 | +/- 4 | +1.5 | |

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COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|-------------------------|------------------------|
| 1 | Manufacturer: | Hodge Compressor | |
| 2 | Model Number | HB20-125 | Date: 7/16/2021 |
| | <input checked="" type="checkbox"/> Air-Cooled <input type="checkbox"/> | | Type: Screw |
| | <input checked="" type="checkbox"/> Oil-Injected <input type="checkbox"/> Oil-Free | | # of Stages: 1 |
| 3 | Rated Capacity at Full Load Operating Pressure ^{a,e} | 82.1 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure ^b | 125 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nominal Rating | 20 | hp |
| 7 | Drive Motor Nominal Efficiency | 92.8 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 0.5 | hp |
| 9 | Fan Motor Nominal Efficiency | 77.3 | percent |
| 10 | Total Package Input Power at Zero Flow ^e | 5.2 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d | 17.3 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e | 21.36 | kW/100cfme |
| 13 | Isentropic Efficiency | 69.23 | percent |

NOTE:

- a: Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c: Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d: Total package input power at other than reported operating points will vary with control strategy.
- e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy | No Load / Zero Flow Power |
|--|----------------------|------------------|-----------------|---------------------------|
| m ³ / min | ft ³ / mn | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +1.8 | +/- 10 % |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +1.6 | |
| Above 15 | Above 529.7 | +/- 4 | +1.5 | |

ROT 030.2



COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable
 Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|-------------------------|------------------------|
| 1 | Manufacturer: | Hodge Compressor | |
| 2 | Model Number | HB25-125 | Date: 7/16/2021 |
| | <input checked="" type="checkbox"/> Air-Cooled <input type="checkbox"/> | | Type: Screw |
| | <input checked="" type="checkbox"/> Oil-Injected <input type="checkbox"/> Oil-Free | | # of Stages: 1 |
| 3 | Rated Capacity at Full Load Operating Pressure ^{a,e} | 106.3 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure ^b | 125 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nominal Rating | 25 | hp |
| 7 | Drive Motor Nominal Efficiency | 92.8 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 1 | hp |
| 9 | Fan Motor Nominal Efficiency | 84.6 | percent |
| 10 | Total Package Input Power at Zero Flow ^e | 7.1 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d | 22.4 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e | 21.57 | kW/100cfme |
| 13 | Isentropic Efficiency | 69.8 | percent |

NOTE:

- a: Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c: Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d: Total package input power at other than reported operating points will vary with control strategy.
- e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy | No Load / Zero Flow Power |
|--|----------------------|------------------|-----------------|---------------------------|
| m ³ / min | ft ³ / mn | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +1.8 | +/- 10 % |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +1.6 | |
| Above 15 | Above 529.7 | +/- 4 | +1.5 | |

ROT 030.2



COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|------------------|---------------------|
| 1 | Manufacturer: | Hodge Compressor | |
| 2 | Model Number | HB30-125 | Date: 7/16/2021 |
| | <input checked="" type="checkbox"/> Air-Cooled <input type="checkbox"/> | | Type: Screw |
| | <input checked="" type="checkbox"/> Oil-Injected <input type="checkbox"/> Oil-Free | | # of Stages: 1 |
| 3 | Rated Capacity at Full Load Operating Pressure ^{a,e} | 120.9 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure ^b | 125 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nominal Rating | 30 | hp |
| 7 | Drive Motor Nominal Efficiency | 92.8 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 1 | hp |
| 9 | Fan Motor Nominal Efficiency | 84.6 | percent |
| 10 | Total Package Input Power at Zero Flow ^e | 8.6 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d | 25.1 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e | 21.2 | kW/100cfme |
| 13 | Isentropic Efficiency | 71.25 | percent |

NOTE:

- a: Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c: Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
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NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy | No Load / Zero Flow Power |
|--|----------------------|------------------|-----------------|---------------------------|
| m ³ / min | ft ³ / mn | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +1.8 | +/- 10 % |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +1.6 | |
| Above 15 | Above 529.7 | +/- 4 | +1.5 | |

ROT 030.2



COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable
 Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|-------------------------|------------------------|
| 1 | Manufacturer: | Hodge Compressor | |
| 2 | Model Number | HB45-125 | Date: 7/16/2021 |
| | <input checked="" type="checkbox"/> Air-Cooled <input type="checkbox"/> | | Type: Screw |
| | <input checked="" type="checkbox"/> Oil-Injected <input type="checkbox"/> Oil-Free | | # of Stages: 1 |
| 3 | Rated Capacity at Full Load Operating Pressure ^{a,e} | 178.4 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure ^b | 125 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nominal Rating | 45 | hp |
| 7 | Drive Motor Nominal Efficiency | 93.6 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 1 | hp |
| 9 | Fan Motor Nominal Efficiency | 84.6 | percent |
| 10 | Total Package Input Power at Zero Flow ^e | 11.1 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d | 35.8 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e | 20.65 | kW/100cfme |
| 13 | Isentropic Efficiency | 72.36 | percent |

NOTE:

- a: Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c: Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
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NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy | No Load / Zero Flow Power |
|--|----------------------|------------------|-----------------|---------------------------|
| m ³ / min | ft ³ / mn | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +1.8 | +/- 10 % |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +1.6 | |
| Above 15 | Above 529.7 | +/- 4 | +1.5 | |

ROT 030.2



COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable
 Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|-------------------------|------------------------|
| 1 | Manufacturer: | Hodge Compressor | |
| 2 | Model Number | HB50-125 | Date: 7/16/2021 |
| | <input checked="" type="checkbox"/> Air-Cooled <input type="checkbox"/> | | Type: Screw |
| | <input checked="" type="checkbox"/> Oil-Injected <input type="checkbox"/> Oil-Free | | # of Stages: 1 |
| 3 | Rated Capacity at Full Lead Operating Pressure ^{a,e} | 215.3 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure ^b | 125 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nominal Rating | 50 | hp |
| 7 | Drive Motor Nominal Efficiency | 94.1 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 1 | hp |
| 9 | Fan Motor Nominal Efficiency | 84.6 | percent |
| 10 | Total Package Input Power at Zero Flow ^e | 13.4 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d | 44.1 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e | 20.8 | kW/100cfme |
| 13 | Isentropic Efficiency | 72.43 | percent |

NOTE:

- a: Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c: Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
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NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy | No Load / Zero Flow Power |
|--|----------------------|------------------|-----------------|---------------------------|
| m ³ / min | ft ³ / mn | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +1.8 | +/- 10 % |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +1.6 | |
| Above 15 | Above 529.7 | +/- 4 | +1.5 | |

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