



# Technical Data Sheet

Code **GEQA3S3BAB-ASE**

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## PRODUCT SPECIFICATIONS

|         |          |
|---------|----------|
| 6/8/18  | date     |
| draft   | revision |
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Model **BLADE 11 HXTM-SE**

|                                 |                  |                  |          |
|---------------------------------|------------------|------------------|----------|
| Description                     | WorkShop unit    |                  |          |
| Arrangement                     | Silenced         |                  |          |
| Series                          | BLADE            | STANDARD PRODUCT |          |
| Air End frame                   | M 86             |                  |          |
| Version                         | n.a.             |                  |          |
| OIL cooling medium              | Air              |                  |          |
| AIR cooling medium              | Air              |                  |          |
| Modulation                      | Yes              |                  |          |
| Decompression                   | Yes              |                  |          |
| Receiver                        | ASME             |                  |          |
| Inlet nominal pressure          | ISO 1217         | psi (a)          | 14.5     |
| Inlet nominal temperature       | ISO 1217         | °F               | 68       |
| Relative humidity               | ISO 1217         | %                | 0        |
| Motor nominal speed             | ISO 1217         | rpm              | 3600     |
| Nominal working pressure        |                  | psi (g)          | 143 (HX) |
| Maximum working pressure        |                  | psi (g)          | 150      |
| Nominal delivery                | (1)              | cfm              | 57.2     |
| Terminals absorbed power        | (2) (6)          | kW               | 13.60    |
| Terminals unload absorbed power |                  | Kw               | 3.95     |
| Noise level (max)               | ISO 2151 - @1 mt | dBA              | 67       |
| Oil carry over                  |                  | ppm              | 3        |
| Total heat recovery (up to ...) |                  | %                | 95       |
| Oil circuit capacity            |                  | gallons          | 1        |

### PERFORMANCES

| psi (g) | 73    |       | 87    |       | 100   |       | 116   |       | 125   |       | 150 |    | 160 |    | 175 |    |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----|-----|----|-----|----|
|         | cfm   | kW    | cfm   | kW    | cfm   | kW    | cfm   | kW    | cfm   | kW    | cfm | kW | cfm | kW | cfm | kW |
|         | 58.67 | 11.24 | 58.23 | 11.80 | 57.81 | 12.37 | 57.40 | 13.18 | 57.20 | 13.60 | -   | -  | -   | -  | -   | -  |

### ELECTRICAL CHARACTERISTICS

|  |             |                                     |
|--|-------------|-------------------------------------|
| Electric certification                 | -           | CEI                                 |
| Starting type                          | -           | Full-Voltage                        |
| Voltage -- Frequency -- Phases         | V / Hz / Ph | 208/60/3 230/60/3 460/60/3 575/60/3 |
| Auxiliary circuit tension              | V           | 110 110 110 110                     |
| Nominal absorbed current               | (6)         | 44.0 34.4 17.2 13.8                 |
| Minimum supply cables section (33 ft.) | AWG         | 8 8 10 10                           |

### MAIN MOTOR

|                     |         |         |
|---------------------|---------|---------|
| Nominal power input | kW / HP | 11 / 15 |
| Efficiency class    | -       | IE3     |
| Efficiency          | %       | 91      |
| Poles               | -       | 2       |
| Protection index    | IP      | 55      |
| Insulation class    | -       | F       |

### COOLING

|                                  |         |        |
|----------------------------------|---------|--------|
| Maximum ambient temperature      | °F      | 104    |
| Minimum ambient temperature      | °F      | 34     |
| Outlet AIR temperature           | (5)     | < 95   |
| OIL maximum temperature          | °F      | 248    |
| OIL minimum temperature          | °F      | 176    |
| Fan type                         | -       | Axial  |
| Cooling AIR flow (minimum)       | (3)     | cfm    |
| Cooling AIR flow (maximum)       | (4)     | cfm    |
| Heat Removal Oil and Aftercooler | (4)     | Btu/hr |
| Fan residual head (minimum)      | (3)     | Pa     |
| Fan residual head (maximum)      | (4)     | Pa     |
| Fan absorbed power (minimum)     | (3)     | kW     |
| Fan absorbed power (maximum)     | (4)     | kW     |
| WATER flow                       | gpm     | -      |
| Water INLET temperature          | °F      | -      |
| Water OUTLET maximum temperature | °F      | -      |
| Water minimum suggested pressure | psi (g) | -      |
| Thermal recoverable power        | Kcal    | -      |

### DRYER

|                                      |             |          |
|--------------------------------------|-------------|----------|
| Refrigerant gas                      | -           | R134a    |
| Dew point (pressure)                 | °F          | 37.4     |
| Absorbed power                       | kW          | 0.65     |
| Regeneration air percentage          | %           | -        |
| Supply: Voltage - frequency - phases | V / Hz / Ph | 230/60/1 |

### DIMENSIONS

|                                       |         |                     |
|---------------------------------------|---------|---------------------|
| AIR outlet connection                 | -       | Rp 3/4"             |
| Condensate separator drain connection | -       | -                   |
| Condensate drain connection           | -       | 10 mm (Male)        |
| Condensate DRYER drain connection     | -       | (to the atmosphere) |
| Receiver condensate drain connection  | -       | Manual (Rp 3/8")    |
| INLET-OUTLET water connections        | -       | -                   |
| Storage AIR receiver volume           | gallons | 80                  |
| Width                                 | inch    | 32.4                |
| Length                                | inch    | 63.0                |
| Height                                | inch    | 52.2                |
| Weight                                | lbs     | 1143                |

### NOTES

- ( 1 ) - According to ISO 1217 - Annex C (fixed speed) & Annex E (variable speed)
- ( 2 ) - Fan included (@ first speed if available) - Dryer input power excluded
- ( 3 ) - Fan @ lower speed (OPTIMA @ min speed)
- ( 4 ) - Fan @ faster speed (Optima : fan @50Hz)
- ( 5 ) - @ reference conditions
- ( 6 ) - OPTIMA @ 1500 rpm and 102 psi