



Technical Data Sheet

Code **GEQL6S350A-DUP-ASE**

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PRODUCT SPECIFICATIONS

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date

draft

revision

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issue

Model **BLADE 7 LXTM-DUP**

| | | | |
|---------------------------------|------------------------|------------------|-----------|
| Description | WorkShop unit - Duplex | | |
| Arrangement | Silenced | | |
| Series | BLADE | STANDARD PRODUCT | |
| Air End frame | M 75 | | |
| 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) | 109 (LX) |
| Maximum working pressure | | psi (g) | 115 |
| Nominal delivery | (1) | cfm | 35.4 (x2) |
| Terminals absorbed power | (2) (6) | kW | 7.9 (x2) |
| Terminals unload absorbed power | | Kw | 2.07 (x2) |
| Noise level (max) | ISO 2151 - @1 mt | dBA | 64 |
| Oil carry over | | ppm | 3 |
| Total heat recovery (up to ...) | | % | 95 |
| Oil circuit capacity | | gallons | 1 (x2) |

PERFORMANCES (x2)

| psi (g) | 73 | | 87 | | 100 | | 115 | | 125 | | 155 | | 160 | | 175 | |
|---------|------|------|-------|------|-------|------|-----|----|-----|----|-----|----|-----|----|-----|----|
| | cfm | kW | cfm | kW | cfm | kW | cfm | kW | cfm | kW | cfm | kW | cfm | kW | cfm | kW |
| | 35.9 | 7.18 | 35.66 | 7.54 | 35.40 | 7.90 | - | - | - | - | - | - | - | - | - | - |

ELECTRICAL CHARACTERISTICS (x2)

| | | | | | | | | |
|--|-----|--|--|--|--------------|--|--|--|
| Electric certification | | | | | CEI | | | |
| Starting type | | | | | Full-Voltage | | | |
| Voltage -- Frequency -- Phases | | | | | V / Hz / Ph | | | |
| Auxiliary circuit tension | | | | | V | | | |
| Nominal absorbed current | (6) | | | | A | | | |
| Minimum supply cables section (33 ft.) | | | | | AWG | | | |

MAIN MOTOR (x2)

| | | | | | | | | |
|---------------------|---------|--|--|--|-------------|--|--|--|
| Nominal power input | kW / HP | | | | 7 / 10 (x2) | | | |
| Efficiency class | | | | | NEMA T | | | |
| Efficiency | | | | | 90.2 | | | |
| Poles | | | | | 2 | | | |
| Protection index | | | | | IP | | | |
| Insulation class | | | | | F | | | |

COOLING

| | | | | | | | | |
|----------------------------------|-----|--|--|--|---------|--|--|--|
| Maximum ambient temperature | °F | | | | 104 | | | |
| Minimum ambient temperature | °F | | | | 34 | | | |
| Outlet AIR temperature | (5) | | | | °F | | | |
| OIL maximum temperature | | | | | °F | | | |
| OIL minimum temperature | | | | | °F | | | |
| 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 | | | | | | | | |
| Dew point (pressure) | | | | | °F | | | |
| Absorbed power | | | | | kW | | | |
| Regeneration air percentage | | | | | % | | | |
| Supply: Voltage - frequency - phases | | | | | V / Hz / Ph | | | |

DIMENSIONS

| | | | | | | | | |
|---------------------------------------|--|--|--|--|-------------------|--|--|--|
| AIR outlet connection | | | | | Rp 1" | | | |
| Condensate separator drain connection | | | | | | | | |
| Condensate drain connection | | | | | 10 mm (Male) (x2) | | | |
| Condensate DRYER drain connection | | | | | | | | |
| Receiver condensate drain connection | | | | | Manual (Rp 3/8") | | | |
| INLET-OUTLET water connections | | | | | | | | |
| Storage AIR receiver volume | | | | | gallons | | | |
| Width | | | | | inch | | | |
| Length | | | | | inch | | | |
| Height | | | | | inch | | | |
| Weight | | | | | lbs | | | |

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