



# Technical Data Sheet

Code **GEQL3S350A-ASE**

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## PRODUCT SPECIFICATIONS

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date

draft

revision

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issue

Model **BLADE 5 HXTM-SE**

Description	WorkShop unit		
Arrangement	Silenced		
Series	BLADE <b>STANDARD PRODUCT</b>		
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)	<b>14.5</b>
Inlet nominal temperature	ISO 1217	°F	<b>68</b>
Relative humidity	ISO 1217	%	<b>0</b>
Motor nominal speed	ISO 1217	rpm	<b>3600</b>
Nominal working pressure		psi (g)	<b>143 (HX)</b>
Maximum working pressure		psi (g)	<b>150</b>
Nominal delivery	(1)	cfm	<b>26.8</b>
Terminals absorbed power	(2) (6)	kW	<b>6.50</b>
Terminals unload absorbed power		Kw	<b>1.85</b>
Noise level (max)	ISO 2151 - @1 mt	dBA	<b>62</b>
Oil carry over		ppm	<b>3</b>
Total heat recovery (up to ...)		%	<b>95</b>
Oil circuit capacity		gallons	<b>1</b>

### 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
	<b>27.49</b>	<b>5.38</b>	<b>27.28</b>	<b>5.65</b>	<b>27.08</b>	<b>5.92</b>	<b>26.89</b>	<b>6.30</b>	<b>26.80</b>	<b>6.50</b>	-	-	-	-	-	-

### ELECTRICAL CHARACTERISTICS

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

Nominal power input	kW / HP				5 / 7.5			
Efficiency class					NEMA T			
Efficiency					89.5			
Poles					2			
Protection index					IP 55			
Insulation class					F			

### COOLING

Maximum ambient temperature	°F				104			
Minimum ambient temperature	°F				34			
Outlet AIR temperature	(5)				°F			
OIL maximum temperature					248			
OIL minimum temperature					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			
Absorbed power					kW			
Regeneration air percentage					%			
Supply: Voltage - frequency - phases					V / Hz / Ph			

### DIMENSIONS

AIR outlet connection					Rp 1/2"			
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			
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