



# Technical Data Sheet

Code **GEALBS2BAA-1PTM-ASE**

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## PRODUCT SPECIFICATIONS

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date

draft

revision

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issue

Model **BLADE 4s HHXTM**

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>1800</b>
Nominal working pressure		psi (g)	<b>168 (HHX)</b>
Maximum working pressure		psi (g)	<b>175</b>
Nominal delivery	(1)	cfm	<b>14.5</b>
Terminals absorbed power	(2) (6)	kW	<b>4.20</b>
Terminals unload absorbed power		Kw	<b>1.30</b>
Noise level (max)	ISO 2151 - @1 mt	dBA	<b>61</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		131		145		160		175	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	15.18	1.91	15.06	2.25	14.95	2.57	14.85	2.95	14.74	3.30	14.64	3.64	14.55	3.99	-	-

### ELECTRICAL CHARACTERISTICS

Electric certification			CEI	
Starting type			Full-Voltage	
Voltage -- Frequency -- Phases			V / Hz / Ph	<b>230/60/1</b>
Auxiliary circuit tension			V	<b>110</b>
Nominal absorbed current	(6)		A	<b>25.1</b>
Minimum supply cables section (33 ft.)			AWG	<b>10</b>

### MAIN MOTOR

Nominal power input			kW / HP	<b>4 / 5</b>
Efficiency class			NEMA T	
Efficiency			%	<b>83.4</b>
Poles			4	
Protection index			IP	<b>55</b>
Insulation class			F	

### COOLING

Maximum ambient temperature			°F	<b>104</b>
Minimum ambient temperature			°F	<b>34</b>
Outlet AIR temperature	(5)		°F	<b>&lt; 95</b>
OIL maximum temperature			°F	<b>248</b>
OIL minimum temperature			°F	<b>176</b>
Fan type			Axial	
Cooling AIR flow (minimum)	(3)		cfm	-
Cooling AIR flow (maximum)	(4)		cfm	<b>1001</b>
Heat Removal Oil and Aftercooler	(4)		Btu/hr	<b>16212</b>
Fan residual head (minimum)	(3)		Pa	-
Fan residual head (maximum)	(4)		Pa	<b>20</b>
Fan absorbed power (minimum)	(3)		kW	-
Fan absorbed power (maximum)	(4)		kW	<b>0.14</b>
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 1/2"	
Condensate separator drain connection			-	
Condensate drain connection			<b>10 mm (Male)</b>	
Condensate DRYER drain connection			-	
Receiver condensate drain connection			<b>Manual (Rp 3/8")</b>	
INLET-OUTLET water connections			-	
Storage AIR receiver volume			gallons	<b>80</b>
Width			inch	<b>32</b>
Length			inch	<b>63</b>
Height			inch	<b>52</b>
Weight			lbs	<b>754</b>

### 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