



Technical Data Sheet

Code **GEALBS2BAA-1PSE-ASE**

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PRODUCT SPECIFICATIONS

5/30/17

date

draft

revision

6/5/18

issue

Model **BLADE 4s HHX**

Description	WorkShop unit		
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	n.a.		
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	1800
Nominal working pressure		psi (g)	168 (HHX)
Maximum working pressure		psi (g)	175
Nominal delivery	(1)	cfm	14.8
Terminals absorbed power	(2) (6)	kW	4.75
Terminals unload absorbed power		Kw	1.29
Noise level (max)	ISO 2151 - @1 mt	dBA	61
Oil carry over		ppm	3
Total heat recovery (up to ...)		%	95
Oil circuit capacity		gallons	1

PERFORMANCES

psi (g)	70		85		100		115		125		140		155		170	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	-	-	-	-	-	-	16.20	3.69	16.09	3.92	15.65	4.11	15.74	4.26	-	-

ELECTRICAL CHARACTERISTICS

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

MAIN MOTOR

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

COOLING

Maximum ambient temperature			°F	104
Minimum ambient temperature			°F	34
Outlet AIR temperature	(5)		°F	< 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	1001
Heat Removal Oil and Aftercooler	(4)		Btu/hr	16212
Fan residual head (minimum)	(3)		Pa	-
Fan residual head (maximum)	(4)		Pa	20
Fan absorbed power (minimum)	(3)		kW	-
Fan absorbed power (maximum)	(4)		kW	0.14
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 3/4"	
Condensate separator drain connection			Rp 1/2"	
Condensate drain connection				
Condensate DRYER drain connection				
Receiver condensate drain connection				
INLET-OUTLET water connections				
Storage AIR receiver volume			gallons	n.a.
Width			inch	32
Length			inch	63
Height			inch	52
Weight			lbs	454

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