



Technical Data Sheet

Code **GEALBS3BAA-ASE**

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PRODUCT SPECIFICATIONS

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date

draft

revision

4/12/18

issue

Model **BLADE 5 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	3600
Nominal working pressure		psi (g)	168 (HHX)
Maximum working pressure		psi (g)	175
Nominal delivery	(1)	cfm	22.7
Terminals absorbed power	(2) (6)	kW	6.60
Terminals unload absorbed power		Kw	1.87
Noise level (max)	ISO 2151 - @1 mt	dBA	62
Oil carry over		ppm	3
Total heat recovery (up to ...)		%	95
Oil circuit capacity		gallons	1

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
	-	-	-	-	-	-	23.24	4.60	23.08	5.16	22.93	5.71	22.77	6.27	-	-

ELECTRICAL CHARACTERISTICS

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

MAIN MOTOR

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

COOLING

Maximum ambient temperature				°F			104		
Minimum ambient temperature				°F			34		
Outlet AIR temperature				°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			22526		
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			29		
Length				inch			37		
Height				inch			31		
Weight				lbs			462		

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