



Technical Data Sheet

Code **GEAL1S3BAA-1PTM-ASE**

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PRODUCT SPECIFICATIONS

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draft

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issue

Model **BLADE 4s HXTM**

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	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	1800
Nominal working pressure		psi (g)	143 (HX)
Maximum working pressure		psi (g)	150
Nominal delivery	(1)	cfm	17.6
Terminals absorbed power	(2) (6)	kW	4.30
Terminals unload absorbed power		Kw	1.30
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)	73		87		100		116		125		150		160		175	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	-	-	17.92	3.75	17.79	3.92	17.66	4.17	17.60	4.30	-	-	-	-	-	-

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	
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	
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 1/2"	
Condensate separator drain connection				
Condensate drain connection			10 mm (Male)	
Condensate DRYER drain connection				
Receiver condensate drain connection			Manual (Rp 3/8")	
INLET-OUTLET water connections				
Storage AIR receiver volume	gallons		80	
Width	inch		32.4	
Length	inch		63.0	
Height	inch		52.2	
Weight	lbs		754.0	

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