



Technical Data Sheet

Code **GEAL2S3BAA-1P-ASE**

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PRODUCT SPECIFICATIONS

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draft

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issue

Model **BLADE 4s LX**

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)	109 (LX)
Maximum working pressure		psi (g)	115
Nominal delivery	(1)	cfm	21
Terminals absorbed power	(2) (6)	kW	4.55
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		115		125		155		160		175	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	21.3	4.14	21.2	4.35	21.0	4.55	-	-	-	-	-	-	-	-	-	-

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 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		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