



Technical Data Sheet

Code **GEAL2S3BAA-1PSE-ASE**

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PRODUCT SPECIFICATIONS

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draft

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issue

Model **BLADE 4s LXTM-SE**

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)	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	< 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	15529
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	-	R134a
Dew point (pressure)	°F	37.4
Absorbed power	kW	0.33
Regeneration air percentage	%	-
Supply: Voltage - frequency - phases	V / Hz / Ph	230/60/1

DIMENSIONS

AIR outlet connection	-	Rp 1/2"
Condensate separator drain connection	-	-
Condensate drain connection	-	10 mm (Male)
Condensate DRYER drain connection	-	(to the atmosphere)
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	838

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