



Technical Data Sheet

Code **GEAL4S3BAA-1PDUP-ASE**

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PRODUCT SPECIFICATIONS

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draft

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issue

Model **BLADE 5s LXTM-DUP**

Description	WorkShop unit - Duplex		
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	3600
Nominal working pressure		psi (g)	109 (LX)
Maximum working pressure		psi (g)	115
Nominal delivery	(1)	cfm	28.5 (x2)
Terminals absorbed power	(2) (6)	kW	6.30 (x2)
Terminals unload absorbed power		Kw	1.85 (x2)
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 (x2)

PERFORMANCES (x2)

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
	28.9	5.73	28.71	6.02	28.50	6.30	-	-	-	-	-	-	-	-	-	-

ELECTRICAL CHARACTERISTICS (x2)

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		32.0	
Minimum supply cables section (33 ft.)	AWG		10	

MAIN MOTOR (x2)

Nominal power input	kW / HP		5 / 7.5 (x2)	
Efficiency class			NEMA T	
Efficiency	%		82	
Poles			2	
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 (x2)	
Heat Removal Oil and Aftercooler	(4) Btu/hr		43004	
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 1"	
Condensate separator drain connection			-	
Condensate drain connection			10 mm (Male) (x2)	
Condensate DRYER drain connection			-	
Receiver condensate drain connection			Manual (Rp 3/8")	
INLET-OUTLET water connections			-	
Storage AIR receiver volume	gallons		120	
Width	inch		45.0	
Length	inch		70.0	
Height	inch		60.0	
Weight	lbs		1466	

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