

		Technical Data Sheet				Code		GEAA3S3BAA-ASE											
								6/8/18	date										
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS						draft	revision										
								4/12/18	issue										
						Model		BLADE 11 LX											
Description					WorkShop unit														
Arrangement					Silenced														
Series					BLADE		STANDARD PRODUCT												
Air End frame					M 86														
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)		109 (LX)													
Maximum working pressure				psi (g)		115													
Nominal delivery		(1)		cfm		64.2													
Terminals absorbed power		(2) (6)		kW		14.3													
Terminals unload absorbed power				Kw		3.87													
Noise level (max)		ISO 2151 - @1 mt		dBA		67													
Oil carry over				ppm		3													
Total heat recovery (up to ...)				%		95													
Oil circuit capacity				gallons		1													
PERFORMANCES																			
psi (g)	73		87		100		115		125		145		160		175				
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW			
	65.2	12.99	64.7	13.65	64.2	14.30	-	-	-	-	-	-	-	-	-	-			
ELECTRICAL CHARACTERISTICS																			
Electric certification					-					CEI									
Starting type					-					Full-Voltage									
Voltage -- Frequency -- Phases					V / Hz / Ph					208/60/3		230/60/3		460/60/3		575/60/3			
Auxiliary circuit tension					V					110		110		110		110			
Nominal absorbed current					(6)					A		44.0		34.4		17.2		13.8	
Minimum supply cables section (33 ft.)										AWG		8		8		10		10	
MAIN MOTOR																			
Nominal power input					kW / HP					11 / 15									
Efficiency class					-					IE3									
Efficiency					%					91									
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					1530				
Heat Removal Oil and Aftercooler					(4)					Btu/hr					48806				
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					0.27				
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 3/4"									
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					630				
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																			