

		<b>Technical Data Sheet</b>		Code													
				GEALBS2BAA-1PSE-ASE													
<b>Ing. Enea Mattei S.p.A.</b>		<b>PRODUCT SPECIFICATIONS</b>		6/8/18													
				date													
				draft													
				4/12/18													
				revision													
				issue													
Model				<b>BLADE 4s HHXTM-SE</b>													
Description				WorkShop unit													
Arrangement				Silenced													
Series				<b>BLADE</b>													
Air End frame				<b>M 75</b>													
Version				n.a.													
OIL cooling medium				Air													
AIR cooling medium				Air													
Modulation				Yes													
Decompression				Yes													
Receiver				ASME													
Inlet nominal pressure				ISO 1217	psi (a)	<b>14.5</b>											
Inlet nominal temperature				ISO 1217	°F	<b>68</b>											
Relative humidity				ISO 1217	%	<b>0</b>											
Motor nominal speed				ISO 1217	rpm	<b>1800</b>											
Nominal working pressure					psi (g)	<b>168 (HHX)</b>											
Maximum working pressure					psi (g)	<b>175</b>											
Nominal delivery				(1)	cfm	<b>14.5</b>											
Terminals absorbed power				(2) (6)	kW	<b>4.20</b>											
Terminals unload absorbed power					Kw	<b>1.30</b>											
Noise level (max)				ISO 2151 - @1 mt	dBA	<b>61</b>											
Oil carry over					ppm	<b>3</b>											
Total heat recovery (up to ...)					%	<b>95</b>											
Oil circuit capacity					gallons	<b>1</b>											
<b>PERFORMANCES</b>																	
psi (g)	73		87		100		116		131		145		160		175		
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	
	15.18	1.91	15.06	2.25	14.95	2.57	14.85	2.95	14.74	3.30	14.64	3.64	14.55	3.99	-	-	
<b>ELECTRICAL CHARACTERISTICS</b>																	
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		25.1							
Minimum supply cables section (33 ft.)								AWG		10							
<b>MAIN MOTOR</b>																	
Nominal power input								kW / HP								4 / 5	
Efficiency class																NEMA T	
Efficiency								%		83.4							
Poles																4	
Protection index								IP		55							
Insulation class																F	
<b>COOLING</b>																	
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		14335							
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		-							
<b>DRYER</b>																	
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							
<b>DIMENSIONS</b>																	
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							
<b>NOTES</b>																	
( 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																	