

		Technical Data Sheet			Code														
					GEQLBS3BAA-ASE														
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS			6/8/18		date												
					draft		revision												
					4/12/18		issue												
				Model		BLADE 4 HHXTM-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)		168 (HHX)											
Maximum working pressure						psi (g)		175											
Nominal delivery				(1)		cfm		14.5											
Terminals absorbed power				(2) (6)		kW		4.20											
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		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	-	-		
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		15.3		13.8		6.9		5.5	
Minimum supply cables section (33 ft.)										AWG		10		10		10		10	
MAIN MOTOR																			
Nominal power input				kW / HP						4 / 5									
Efficiency class				-						NEMA T									
Efficiency				%						89.5									
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				15461					
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									
Length				inch						63									
Height				inch						52									
Weight				lbs						835									
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																			