

		Technical Data Sheet		Code													
				GEAA3S3BAB-ASE													
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS		date													
				draft													
				revision													
		Model BLADE 11 HX		issue													
				4/12/18													
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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)	143 (HX)													
Maximum working pressure			psi (g)	150													
Nominal delivery		(1)	cfm	57.2													
Terminals absorbed power		(2) (6)	kW	13.60													
Terminals unload absorbed power			Kw	3.95													
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		116		125		150		160		175		
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	
	58.67	11.24	58.23	11.80	57.81	12.37	57.40	13.18	57.20	13.60	-	-	-	-	-	-	
ELECTRICAL CHARACTERISTICS																	
Electric certification																CEI	
Starting type																Full-Voltage	
Voltage -- Frequency -- Phases																208/60/3 230/60/3 460/60/3 575/60/3	
Auxiliary circuit tension																110 110 110 110	
Nominal absorbed current				(6)												44.0 34.4 17.2 13.8	
Minimum supply cables section (33 ft.)																8 8 10 10	
MAIN MOTOR																	
Nominal power input																11 / 15	
Efficiency class																IE3	
Efficiency																91	
Poles																2	
Protection index																55	
Insulation class																F	
COOLING																	
Maximum ambient temperature																104	
Minimum ambient temperature																34	
Outlet AIR temperature				(5)												< 95	
OIL maximum temperature																248	
OIL minimum temperature																176	
Fan type																Axial	
Cooling AIR flow (minimum)				(3)												-	
Cooling AIR flow (maximum)				(4)												1530	
Heat Removal Oil and Aftercooler				(4)												46417	
Fan residual head (minimum)				(3)												-	
Fan residual head (maximum)				(4)												20	
Fan absorbed power (minimum)				(3)												-	
Fan absorbed power (maximum)				(4)												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	
Width																inch	
Length																inch	
Height																inch	
Weight																lbs	
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																	