

		Technical Data Sheet		Code											
				GAEOS 3BAA-ASE											
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS		6/5/18											
				date											
				draft											
				12/3/14											
				revision											
				issue											
				Model											
				BLADE 11 HHX											
Description				WorkShop unit											
Arrangement				Silenced											
Series				BLADE											
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)	168 (HHX)									
Maximum working pressure					psi (g)	175									
Nominal delivery				(1)	cfm	53									
Terminals absorbed power				(2) (6)	kW	14.70									
Terminals unload absorbed power					Kw	3.4									
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		131		145		160		175	
cfm		kW		cfm		kW		cfm		kW		cfm		kW	
55.5		6.46		55.1		7.70		54.7		8.83		54.3		10.20	
53.9		11.45		53.5		12.70		53.2		13.95		-		-	
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		50171									
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		-									
Width				inch		29									
Length				inch		37									
Height				inch		31									
Weight				lbs		573									
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															