

		Technical Data Sheet		Code	
				GEQEOS3BAA-DUP-ASE	
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS		6/5/18	
				draft	
				4/12/18	
		Model		BLADE 11 HHXTM-DUP	
Description		WorkShop unit - Duplex			
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		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	3600	
Nominal working pressure			psi (g)	168 (HHX)	
Maximum working pressure			psi (g)	175	
Nominal delivery		(1)	cfm	53 (x2)	
Terminals absorbed power		(2) (6)	kW	14.7 (x2)	
Terminals unload absorbed power			Kw	3.4 (x2)	
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 (x2)	
PERFORMANCES (x2)					
psi (g)	73		87		100
	cfm	kW	cfm	kW	cfm
	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 (x2)					
Electric certification				CEI	
Starting type				Full-Voltage	
Voltage -- Frequency -- Phases		V / Hz / Ph		208/60/3	230/60/3
Auxiliary circuit tension		V		110	110
Nominal absorbed current		(6) A		44.0	34.4
Minimum supply cables section (33 ft.)		AWG		8	8
				10	10
MAIN MOTOR (x2)					
Nominal power input		kW / HP		11 / 15 (x2)	
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 (x2)	
Heat Removal Oil and Aftercooler		(4) Btu/hr		100342	
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 1"	
Condensate separator drain connection				-	
Condensate drain connection				10 mm (Male) (x2)	
Condensate DRYER drain connection				-	
Receiver condensate drain connection				Manual (Rp 3/8")	
INLET-OUTLET water connections				-	
Storage AIR receiver volume		gallons		120	
Width		inch		45.0	
Length		inch		70.0	
Height		inch		60.0	
Weight		lbs		1740	
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					