

		Technical Data Sheet		Code															
				GEQA3S3BAB-DUP-ASE															
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS		6/8/18		date													
				draft		revision													
				4/12/18		issue													
Model				BLADE 11 HXTM-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)		143 (HX)													
Maximum working pressure				psi (g)		150													
Nominal delivery		(1)		cfm		57.2 (x2)													
Terminals absorbed power		(2) (6)		kW		13.6 (x2)													
Terminals unload absorbed power				Kw		3.95 (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		116		125		150		160		175			
		cfm		kW		cfm		kW		cfm		kW		cfm		kW			
		58.67		11.24		58.23		11.80		57.81		12.37		57.40		13.18			
		11.24		58.23		11.80		57.81		12.37		57.40		13.18		57.20			
ELECTRICAL CHARACTERISTICS (x2)																			
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 (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				92834							
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																			