

		Technical Data Sheet		Code															
				GEQL4S350A-ASE															
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS		6/8/18															
				date															
				draft															
				4/12/18															
				revision															
				issue															
Model				BLADE 5 LXTM-SE															
Description				WorkShop unit															
Arrangement				Silenced															
Series				BLADE															
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	3600													
Nominal working pressure					psi (g)	109 (LX)													
Maximum working pressure					psi (g)	115													
Nominal delivery				(1)	cfm	28.5													
Terminals absorbed power				(2) (6)	kW	6.30													
Terminals unload absorbed power					Kw	1.85													
Noise level (max)				ISO 2151 - @1 mt	dBA	62													
Oil carry over					ppm	3													
Total heat recovery (up to ...)					%	95													
Oil circuit capacity					gallons	1													
PERFORMANCES																			
psi (g)	73		87		100		115		125		145		160		175				
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW			
	28.9	5.73	28.71	6.02	28.50	6.30	-	-	-	-	-	-	-	-	-	-			
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				19.5		17.6		8.8		7.0	
Minimum supply cables section (33 ft.)								AWG				10		10		10		10	
MAIN MOTOR																			
Nominal power input								kW / HP								5 / 7.5			
Efficiency class																NEMA T			
Efficiency								%								89.5			
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								1001			
Heat Removal Oil and Aftercooler						(4)		Btu/hr								22628			
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								846			
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																			