

		Technical Data Sheet		Code										
				GEQL6S350A-TM-ASE										
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS		6/8/18										
				date										
				draft										
				4/12/18										
				revision										
				issue										
Model				BLADE 7 LXTM										
Description				WorkShop unit										
Arrangement				Silenced										
Series				BLADE STANDARD PRODUCT										
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	35.4										
Terminals absorbed power		(2) (6)	kW	7.9										
Terminals unload absorbed power			Kw	2.07										
Noise level (max)		ISO 2151 - @1 mt	dBA	64										
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		175	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	35.9	7.18	35.66	7.54	35.40	7.90	-	-	-	-	-	-	-	-
ELECTRICAL CHARACTERISTICS														
Electric certification				-										
Starting type				-										
Voltage -- Frequency -- Phases				V / Hz / Ph										
Auxiliary circuit tension				V										
Nominal absorbed current				(6)										
Minimum supply cables section (33 ft.)				AWG										
MAIN MOTOR														
Nominal power input				kW / HP										
Efficiency class				-										
Efficiency				%										
Poles				-										
Protection index				IP										
Insulation class				-										
COOLING														
Maximum ambient temperature				°F										
Minimum ambient temperature				°F										
Outlet AIR temperature				(5)										
OIL maximum temperature				°F										
OIL minimum temperature				°F										
Fan type				-										
Cooling AIR flow (minimum)				(3) cfm										
Cooling AIR flow (maximum)				(4) cfm										
Heat Removal Oil and Aftercooler				(4) Btu/hr										
Fan residual head (minimum)				(3) Pa										
Fan residual head (maximum)				(4) Pa										
Fan absorbed power (minimum)				(3) kW										
Fan absorbed power (maximum)				(4) kW										
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				-										
Condensate separator drain connection				-										
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														