



Technical Data Sheet

Code **GEQL2S350A-ASE**

Ing. Enea Mattei S.p.A.

PRODUCT SPECIFICATIONS

6/8/18

date

draft

revision

4/12/18

issue

Model **BLADE 4 LXTM-SE**

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	1800
Nominal working pressure		psi (g)	109 (LX)
Maximum working pressure		psi (g)	115
Nominal delivery	(1)	cfm	21
Terminals absorbed power	(2) (6)	kW	4.55
Terminals unload absorbed power		Kw	1.30
Noise level (max)	ISO 2151 - @1 mt	dBA	61
Oil carry over		ppm	3
Total heat recovery (up to ...)		%	95
Oil circuit capacity		gallons	1

PERFORMANCES

psi (g)	73		87		100		115		125		155		160		175	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	21.3	4.14	21.2	4.35	21.0	4.55	-	-	-	-	-	-	-	-	-	-

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)				15.3	13.8	6.9	5.5
Minimum supply cables section (33 ft.)	AWG				10	10	10	10

MAIN MOTOR

Nominal power input	kW / HP				4 / 5			
Efficiency class	-				NEMA T			
Efficiency	%				89.5			
Poles	-				4			
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				16655
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				835			

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