



# Technical Data Sheet

Code	<b>GEQEOS 3BAA-ASE</b>	
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	draft	revision
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## PRODUCT SPECIFICATIONS

Model **BLADE 11 HHXTM-SE**

Description	<b>WorkShop unit</b>		
Arrangement	<b>Silenced</b>		
Series	<b>BLADE</b>	<b>STANDARD PRODUCT</b>	
Air End frame	<b>M 86</b>		
Version	n.a.		
OIL cooling medium	<b>Air</b>		
AIR cooling medium	<b>Air</b>		
Modulation	<b>Yes</b>		
Decompression	<b>Yes</b>		
Receiver	<b>ASME</b>		
Inlet nominal pressure	ISO 1217	psi (a)	<b>14.5</b>
Inlet nominal temperature	ISO 1217	°F	<b>68</b>
Relative humidity	ISO 1217	%	<b>0</b>
Motor nominal speed	ISO 1217	rpm	<b>3600</b>
Nominal working pressure		psi (g)	<b>168 (HHX)</b>
Maximum working pressure		psi (g)	<b>175</b>
Nominal delivery	(1)	cfm	<b>53</b>
Terminals absorbed power	(2) (6)	kW	<b>14.70</b>
Terminals unload absorbed power		Kw	<b>3.4</b>
Noise level (max)	ISO 2151 - @1 mt	dBA	<b>67</b>
Oil carry over		ppm	<b>3</b>
Total heat recovery (up to ...)		%	<b>95</b>
Oil circuit capacity		gallons	<b>1</b>

### PERFORMANCES

psi (g)	73		87		100		116		131		145		160		175	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	<b>55.5</b>	<b>6.46</b>	<b>55.1</b>	<b>7.70</b>	<b>54.7</b>	<b>8.83</b>	<b>54.3</b>	<b>10.20</b>	<b>53.9</b>	<b>11.45</b>	<b>53.5</b>	<b>12.70</b>	<b>53.2</b>	<b>13.95</b>	-	-

### ELECTRICAL CHARACTERISTICS

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

### MAIN MOTOR

Nominal power input	kW / HP		11 / 15	
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		
Heat Removal Oil and Aftercooler	(4)	Btu/hr		52390		
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			R134a			
Dew point (pressure)			°F		37.4	
Absorbed power			kW		0.65	
Regeneration air percentage			%		-	
Supply: Voltage - frequency - phases	V / Hz / Ph		230/60/1			

### DIMENSIONS

AIR outlet connection			Rp 3/4"	
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		1143	

### 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