



Technical Data Sheet

Code **GEQEOS3BAA-TM-ASE**

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PRODUCT SPECIFICATIONS

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draft

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issue

Model **BLADE 11 HHXTM**

Description		WorkShop unit	
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)	168 (HHX)
Maximum working pressure		psi (g)	175
Nominal delivery	(1)	cfm	53
Terminals absorbed power	(2) (6)	kW	14.70
Terminals unload absorbed power		Kw	3.4
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

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
	55.5	6.46	55.1	7.70	54.7	8.83	54.3	10.20	53.9	11.45	53.5	12.70	53.2	13.95	-	-

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	44.0	34.4	17.2	13.8
Minimum supply cables section (33 ft.)		AWG	8	8	10	10

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	50171
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 3/4"
Condensate separator drain connection		-	-
Condensate drain connection		-	10 mm (Male)
Condensate DRYER drain connection		-	-
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	1030

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