



# Technical Data Sheet

Code **GEAL3S3BAA-ASE**

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## PRODUCT SPECIFICATIONS

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revision

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issue

Model **BLADE 5 HX**

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	n.a.		
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)	143 (HX)
Maximum working pressure		psi (g)	150
Nominal delivery	(1)	cfm	26.8
Terminals absorbed power	(2) (6)	kW	6.50
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		116		125		150		160		175	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	27.49	5.38	27.28	5.65	27.08	5.92	26.89	6.30	26.80	6.50	-	-	-	-	-	-

### ELECTRICAL CHARACTERISTICS

Electric certification					CEI			
Starting type					Full-Voltage			
Voltage -- Frequency -- Phases					V / Hz / Ph			
Auxiliary circuit tension					V			
Nominal absorbed current	(6)				A			
Minimum supply cables section (33 ft.)					AWG			

### MAIN MOTOR

Nominal power input	kW / HP				5 / 7.5			
Efficiency class					NEMA T			
Efficiency					89.5			
Poles					2			
Protection index					IP			
Insulation class					F			

### COOLING

Maximum ambient temperature	°F			104
Minimum ambient temperature	°F			34
Outlet AIR temperature	(5)			< 95
OIL maximum temperature				248
OIL minimum temperature				176
Fan type				Axial
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				Rp 3/4"
Condensate separator drain connection				Rp 1/2"
Condensate drain connection				-
Condensate DRYER drain connection				-
Receiver condensate drain connection				-
INLET-OUTLET water connections				-
Storage AIR receiver volume	gallons			n.a.
Width	inch			29
Length	inch			37
Height	inch			31
Weight	lbs			462

### 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