

		<b>Technical Data Sheet</b>		Code															
				GEQL3S350A-DUP-ASE															
<b>Ing. Enea Mattei S.p.A.</b>		<b>PRODUCT SPECIFICATIONS</b>		6/8/18															
				date															
				draft															
				4/12/18															
				revision															
				issue															
Model				<b>BLADE 5 HXTM-DUP</b>															
Description				WorkShop unit - Duplex															
Arrangement				Silenced															
Series				<b>BLADE</b>															
Air End frame				<b>M 75</b>															
Version				n.a.															
OIL cooling medium				Air															
AIR cooling medium				Air															
Modulation				Yes															
Decompression				Yes															
Receiver				ASME															
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>143 (HX)</b>													
Maximum working pressure					psi (g)	<b>150</b>													
Nominal delivery				(1)	cfm	<b>26.8 (x2)</b>													
Terminals absorbed power				(2) (6)	kW	<b>6.5 (x2)</b>													
Terminals unload absorbed power					Kw	<b>1.85 (x2)</b>													
Noise level (max)				ISO 2151 - @1 mt	dBA	<b>62</b>													
Oil carry over					ppm	<b>3</b>													
Total heat recovery (up to ...)					%	<b>95</b>													
Oil circuit capacity					gallons	<b>1 (x2)</b>													
<b>PERFORMANCES (x2)</b>																			
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	-	-	-	-	-	-			
<b>ELECTRICAL CHARACTERISTICS (x2)</b>																			
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		19.5		17.6		8.8		7.0	
Minimum supply cables section (33 ft.)										AWG		10		10		10		10	
<b>MAIN MOTOR (x2)</b>																			
Nominal power input										kW / HP		5 / 7.5 (x2)							
Efficiency class																NEMA T			
Efficiency																89.5			
Poles																2			
Protection index																55			
Insulation class																F			
<b>COOLING</b>																			
Maximum ambient temperature																104			
Minimum ambient temperature																34			
Outlet AIR temperature						(5)										< 95			
OIL maximum temperature																248			
OIL minimum temperature																176			
Fan type																Axial			
Cooling AIR flow (minimum)						(3)										-			
Cooling AIR flow (maximum)						(4)										1001 (x2)			
Heat Removal Oil and Aftercooler						(4)										44369			
Fan residual head (minimum)						(3)										-			
Fan residual head (maximum)						(4)										20			
Fan absorbed power (minimum)						(3)										-			
Fan absorbed power (maximum)						(4)										0.14			
WATER flow																-			
Water INLET temperature																°F			
Water OUTLET maximum temperature																°F			
Water minimum suggested pressure																psi (g)			
Thermal recoverable power																Kcal			
<b>DRYER</b>																			
Refrigerant gas																-			
Dew point (pressure)																°F			
Absorbed power																kW			
Regeneration air percentage																%			
Supply: Voltage - frequency - phases																V / Hz / Ph			
<b>DIMENSIONS</b>																			
AIR outlet connection																Rp 1"			
Condensate separator drain connection																-			
Condensate drain connection																10 mm (Male) (x2)			
Condensate DRYER drain connection																-			
Receiver condensate drain connection																Manual (Rp 3/8")			
INLET-OUTLET water connections																-			
Storage AIR receiver volume																gallons			
Width																inch			
Length																inch			
Height																inch			
Weight																lbs			
<b>NOTES</b>																			
( 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																			