

Model M50E		EU		UL/CSA		Non-regulated market	
Max. overpressure	[bar]	7,0		10,0	-	[bar] / [psig]	7 / 100 10 / 145
Airend SIGMA		191		180	-		191 180
Max. flow rate	[m³/min]	5,00		3,80	-	[m³/min] / [cfm]	5 / 180 3,8 / 135
Connection to engine		directly coupled		-	-	directly coupled	
induction valve		pressureless open		-	-	pressureless open	
Engine							
Make		Siemens		-	-	Siemens	
Model		1LA9189-2XA98-ZN18		-	-	1LA9189-2XA98-ZN18	
energy efficiency class		IE3		-	-	IE3	
Performance at working speed	[kW]	25		-	-	[kW] / [HP]	25 / 33,5
Full load speed	[rpm]	2960		-	-	[rpm]	2960
Off load speed	[rpm]	2960		-	-	[rpm]	2960
Power supply	[V]	400V/3~/50Hz - 230V/3~/50Hz		-	-	[V]	400V/3~/50Hz - 230V/3~/50Hz
service factor		1,2		-	-		1,2
Complete unit							
coolant air flow	[m³/h]	7900		-	-	[m³/h] / [ft³/h]	7900 / 278990
Power consumption, airend and fan	[kW]	30		-	-	[kW] / [HP]	30 / 40,2
Controller		SCS		-	-		SCS
Fusing	[A]	63		-	-	[A]	63
Nominal fan power	[kW]	0,42		-	-	[kW/HP]	0,42 / 0,56
Fan voltage	[V]	400		-	-	[V]	400
Oil capacity	[l]	9		-	-	[l] / [gal]	9 / 2,38
Air outlets		2x G 3/4 G1		-	-		2x G 3/4 G1
Sound power level / Sound pressure level	[dB(A)]	≤98		-	-		-
Dimensions with stationary frame							
Length	[mm]	2011		-	-	[mm] / [inch]	2011 / 79,2
width	[mm]	1130		-	-	[mm] / [inch]	1130 / 44,5
Height	[mm]	1030		-	-	[mm] / [inch]	1030 / 40,6
Dimensions with chassis							
Length	[mm]	rb rm rr		rb rm rs	-	[mm] / [inch]	rb rm rr rb rm rs
width	[mm]	3475		3830	-	[mm] / [inch]	3475 / 136,8 3830 / 150,8
Height	[mm]	1280		1290	-	[mm] / [inch]	1280 / 50,4 1290 / 50,8
Tyres		145/80 R 13		-	-		145/80 R 13
Actual total weight	[kg]	690		745	-	[kg] / [lb]	690 / 1521 745 / 1642
Permissible axle load	[kg]	750		850	-	[kg] / [lb]	750 / 1653 850 / 1874
Weight at coupling	[kg]	35	-	60	-	[kg] / [lb]	35 / 77 60 / 132
Ambient conditions							
min. permissible ambient temperature	[°C]	-10		-	-	[°C] / [°F]	-10 / 14
max. permissible ambient temperature	[°C]	40		-	-	[°C] / [°F]	40 / 104
Max. Altitude above sea level	[m]	1000		-	-	[m] / [ft]	1000 / 3280