

**1. Genset 360 kVA - 60Hz****POWERED BY****2. Technical informations**

<b>Generator Specifications</b>		<b>Unit</b>	<b>Description</b>		
Regulation class			ISO8528		
Frequency	7,0 m	Hz		60	
Power Factor				0.8	
Three Phase Voltage	7,0 m	Vca	220 / 127 - 380 / 220 - 440 / 254		
Operating System			Stand-By	Prime	COP
Genset Power	7,0 m	kVA / kW	360 / 288	328 / 263	NA
Diesel Engine Power	7,0 m	CV	436.2	396.8	NA
Fuel Tank			Removable in the 400 liters base		
Consumption ± 5%	7,0 m	l/h	78	69.8	NA
Fuel Tank Autonomy	7,0 m	h	5.1	5.7	NA
Battery			2 x 12V - 150Ah - 900CCA		

<b>Engine Specifications</b>		<b>Unit</b>	<b>Description</b>				
Model			DC09 072A 02-13				
Brand			SCANIA				
Application			Stationary				
Rotation	7,0 m	rpm	1800				
Configuration			04- stroke / 5 Cylinders in line				
Bore x Stroke	7,0 m	mm	130 x 140				
Aspiration Type / Injection System			Turbo Aftercooler / Eletronic Direct				
Displacement	7,0 m	l	9.3000000000000001				
Compression Ratio			16:1				
Alternator, standart equipment	7,0 m	A	100				
Starter, standart equipment	7,0 m	Vcc - kW	24 - 06				
Cooling System			Water + Air + Blowing Ventilation System				
Coolant Total Capacity	7,0 m	l	38				
Coolant Specification			Havoline Xtended Life Premix 50/50				
Lube Oil Specification			SAE 15W40 / API CI-4 / ACEA E7-08				
Lube Oil liter Capacity with filter	7,0 m	l	36				
Lube Oil Filter Replacement Interval	7,0 m	h	500				
Fuel Type Specification			S10				
Fuel Filter			Pre-Filter	Main			
Fuel Filter Specification			Paper Filter element 10 micron	Paper Filter element 6 micron			
Oil Change Intervals	7,0 m	h	500				
Preheating resistance			2000W - Standart to automatic Genset				

Alternator Specification		Description	
Type		Brushless	
Excitation		With Auxiliary Coil	
Voltage Regulator		Electronic incorporated with dynamic response from 8 up to 500ms ; static control of 0,5%	
IP Rating		IP23	
Insulation Class		180°C (Class H)	
Harmonic Distortion Without Load		< 5%	
Short Circuit Current		3x IN during 10 s	
Leads		12	
Connection Box		Connectable in 3 Tensions	
Bearing		Double	
Cooling		Air	
Mounting types		B35T	
Winding Pitch		Shortened 2/3	
Impregnation		Industrial Salinity Resistant with Salt Concentration =< 1 g/m3	

Command Panel Specifications		Unit	Description	
Type			Manual	Automatic
Single Without Ramp			DEEP SEA	
			DS4520	
Single With Ramp			DEEP SEA	
			DS8620	
Parallel Without Ramp			DEEP SEA	
			DS8610 + DS331	
Parallel With Ramp			DEEP SEA	
			DS8610 + DS8660	
Three Phase Voltage	7,0 m	Vca	220 / 127 - 380 / 220 - 440 / 254	
IP Rating			IP-23	
Dimensions (H x W x D)	7,0 m	mm	1200 x 600 x 255	
Protection			Manual thermomagnetic circuit-breaker - tripolar fixed	
Parallelism Connection between Generators			Motorized Circuit Breaker	
Battery Charger			YES	NO

Assembly Specifications		Unit	Description	
Type			Open Skid	Canopy
Exhaust System			Industrial 6" and stainless-steel bellows; Hospitalar 6" and stainless-steel bellows	
Width (W)	mm		1180	1180
Length (L)	mm		3400	4350
Height (H)	mm		1750	2050
Empty Weight	kg		2770	3227
Impregnation			Polyester powder electrostatic (base in black color and Canopy in blue color)	
Impregnation type			Textured	
Salt Spray Resistance Assembly Specifications			Minimum 500h (on phosphatized plate)	
Paint Thickness			80 µm [microtexturized]	
Noise Levels	1,5 m	dB(A)	117	85
Levels of noise	7,0 m	dB(A)	101	NA

NA - Not Available

Updated: 17/09/2020

