

1. Genset 770 kVA - 60Hz



POWERED BY



2. Technical informations

Generator Specifications	Unit	Description		
Regulation class		ISO8528		
Frequency	Hz	60		
Power Factor		0.8		
Three Phase Voltage	Vca	220 / 127 - 380 / 220 - 440 / 254		
Operating System		Stand-By	Prime	COP
Genset Power	kVA / kW	770 / 616	700 / 560	525 / 420
Diesel Engine Power	CV	924.1	842.5	641.4
Fuel Tank		Removable in the 400 liters base		
Consumption $\pm 5\%$	l/h	163.5	148.3	111.4
Fuel Tank Autonomy	h	2.4	2.7	3.6
Battery		2 x 12V - 180Ah - 1000CCA		

Engine Specifications	Unit	Description	
Model		DC16 078A 02-43	
Brand		SCANIA	
Application		Stationary	
Rotation	rpm	1800	
Configuration		04- stroke / 6 Cylinders in V	
Bore x Stroke	mm	130 x 154	
Aspiration Type / Injection System		Turbo Aftercooler / Eletronic Direct	
Displacement	l	16.4	
Compression Ratio		16.7:1	
Alternator, standart equipment	A	100	
Starter, standart equipment	Vcc - kW	24 - 06	
Cooling System		Water + Air + Blowing Ventilation System	
Coolant Total Capacity	l	68	
Coolant Specification		Havoline Xtended Life Premix 50/50	
Lube Oil Specification		SAE 15W40 / ACEA E3, E4, E5 or E7	
Lube Oil liter Capacity with filter	l	48	
Lube Oil Filter Replacement Interval	h	500	
Fuel Type Specification		S10	
Fuel Filter		Pre-Filtro	Principal
Fuel Filter Specification		Elemento filtrante de papel de 10 micron	Elemento filtrante de papel de 6 micron
Oil Change Intervals	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
Isulation 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	Vca	220 / 127 - 380 / 220 - 440 / 254
IP Rating		IP-23
Dimensions (H x W x D)	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 8" and stainless-steel bellows; Hospitaller 8" and stainless-steel bellows
Width (W)	mm	1200 1500
Length (L)	mm	3700 5000
Height (H)	mm	2200 2200
Empty Weight	kg	5000 5900
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]
Levels of noise	1,5 m	dB(A) 119 85
	7,0 m	dB(A) 101 NA

NA - Not Available

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