Trio GENERATOR

YANGDONG DIESEL ENGINES

MADE IN TURKEY

International Organization for Standardization ISO 14001:2015

ISO 9001

CE

OUTPUT VALUES

Standby Power	Voltage	230/400
Standby Power	kVA	69
Standby Power	kW	55
Standby Power	Amper	99
Prime Power	Voltage	230/400
Prime Power	kVA	55
Prime Power	kW	44
Prime Power	Amper	79

DIESEL ENGINE

Brand	YANG DONG
Model	Y4102ZLD
Max. Total Output Pow. (kWm/hp)	55/74
Cylinder Displacement (lt)	4,33
Cylinder Orientation	4 Single Line
Bore x Stroke(mm*mm)	105*125
Compression Ratio	16;01
Governor Type	Mechanic
Rotation	1500 RPM
Aspiration System	Natural
Injection	Direct
Cooling System	Water Cooled
Electrical System(V DC)	24
Oil Capacity (lt)	14
Engine Coolant Capacity (lt)	20
Fuel Cons. %50 (lt/h)	7,1
Fuel Cons. %75 (lt/h)	10,8
Fuel Cons. %100 (lt/h)	14,2

ALTERNATOR

Standby Power (kVa/kw)	69/55
Prime Power (kVa/kw)	55/44
Brand	TRIO
Output Voltage (V)	231/400
Frequency (Hz)	50
Stationary Vol. Regulation(±)	0,01
Short Circuit Current	%300 (10 sec)
Insulation	H
Protection	IP23
E ciency (%)	94,5
Overloading	110% for 1 hour
Power Factor (cos Q=0.8)	0,8
Tot. Harmonic Dist. Rate	<1 %

Connection Type	Star
Number of Pole	4
Number of Bearing	Single

DIMENSIONS & WEIGHT

Without Canopy	Width	1000 mm
Without Canopy	Length	2000 mm
Without Canopy	High	1500 mm
Without Canopy	Weight	825 kg
Without Canopy	Fuel Tank Capacity	180 lt
With Canopy	Width	1000 mm
With Canopy	Length	2400 mm
With Canopy	High	1650 mm
With Canopy	Weight	1050 kg
With Canopy	Fuel Tank Capacity	180 lt