



DGK25B Specifications

Alternator	Generator Type		Revolving Field Brushless AC	
	Rated Output	kVA	25	
		kW	20	
	Voltage – Three phase	V	240, 480	
	Voltage – Single phase	V	120, 240, 277	
	Amps	Single phase - 120V	A	55.6 A (4 wire), 62.5 A x 2 (Zig Zag)
		Single phase - 240V	A	27.8 A (4 wire), 62.5 A (Zig Zag)
		Three phase - 240V	A	60 A
		Three phase - 480V	A	30 A
	Frequency	Hz	60	
	Rated speed	rpm	1800	
	Winding		3-phase, 4-wire Star with neutral / Zig-zag	
	Power factor		.8	
	Insulation class		F	
Excitation		Static (brushless)		
No. of poles		4		
Engine	Type		Vertical Water-cooled 4-cycle Diesel	
	Model (Manufacturer)		4LE1 (ISUZU)	
	No. of Cylinders (bore x stroke)	(in ³ /mm)	4 (3.3 X 3.8/85 x 96)	
	Continuous rated output	hp	31	
	Rated speed	rpm	1800	
	Displacement	in ³ /liters	133/2.179	
	Combustion system		Swirl Chambered	
	Cooling method		Radiator	
	Lubricating method		Forced lubrication	
	Starting method		Electric	
	Fuel		Diesel	
	Fuel Consumption	gal./liters	1.69/6.39 per hour @ full load	
	Lubricant oil		CD class or higher	
	Fuel tank capacity	gal./liters	17.2/65	
	Lubricant volume	gal./liters	2.2/8	
	Cooling water volume	gal./liters	2.3/8.6	
	Starting motor capacity	V-kW	12V-1, 8kW	
	Charging alternator capacity	V-A	12V-20A	
Battery capacity	V-AH	12V / 70AH		
Meters	Voltage/Frequency/Amperage/Hour			
Voltage Regulation	Automatic Voltage Regulator			
Shutdowns	Oil pressure, Water temperature		Lamp indication with shutdown	
Warning	Battery charge		Lamp indication	
Unit	Dimensions (L x W x H)	in./mm	68.9x25.6x36/1750x650x915	
	Dry weight	lbs./kg	1360/617	

Specifications are subject to change without notice.

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