

Ashok Leyland

Model : LP400

Frequency : 50 Hz

Diesel Generator



ASHOK LEYLAND

400 KVA



Model	Engine	Alternator	Voltage	PH	Frequency	Prime Rating		Power factor
						KVA/kW	Amps	
LP400	2206C-E13TAG3	HCI44F	415V	3	50 Hz	400 / 320	556	0.8

Rating	Prime Power – KW(KVA)		
	400 (320)		
Load	50%	75%	100%
Liters/ hr	46	65	85
g/Kwh	218	210	206

Engine	Prime Power Rating
Engine Manufacturer	Perkins UK
Engine Model	2206C-E13TAG3
Configuration	6, Vertical In-line
Aspiration	Turbo Charged and After Cooled
Gross Engine Power output, kWm / BHP	368 / 493.5
BMEP @ rated load, kPa	2345
Displacement, L	12.5
Bore , mm	130
Stoke, mm	157
Rated Speed, rpm	1500
Compression Ratio	16.3 : 1
Lub oil capacity Max, L	38
Lub oil capacity Min, L	32.5
Governor Type	Electronics
Starting Voltage, V- DC	24

Fuel System

Recommended fuel to conform to	BS2869 Class A2 or BSEN590
Type of injection system	MEUI
Fuel injector	MEUI
Delivery at 1500 rev/min, L/Min	480
Injector pressure, MPa	207
Fuel Lift pump pressure, kPa	621
Fuel lift pump maximum suction head, m	3
Fuel filter spacing, microns	10

Air

Maximum air intake restriction of engine clean filter	2.5 kPa
Maximum air intake restriction of engine , dirty filter	6.4 kPa
Air filter type	Dry - paper
Combustion air flow, m ³ /min	26.7

Exhaust

Maximum back pressure for total system	6.8kPa
Exhaust gas temperature, after turbo, °C	6
Exhaust gas flow maximum after turbo , m ³ /min	72

Standard set –mounted radiator cooling

Ambient design, °C	50
Coolant Capacity with radiator , L	51.4
Engine Coolant Flow, L/s	5.3
Cooling system air flow, m ³ /min	654

Weights*

	open
Unit wet weight kgs	4200

- Weight represent a set with standard feature

Dimension	Length	Width	Height
Standard canopy dimension	5000	2000	2235