

Gen-set Parameters	Unit	KG320WS2
kVA (kW) rating at 0.8pf	kVA(kW)	320(256)
Voltage	V	415
Frequency	Hz	50
Overall dimensions with canopy	Mm(LxBxH)	5700 X 2000 X 3250 (UP TO SILENCER)
Approx.Dry weight of genset with canopy	Kg	5750
Electrical starting system	V	24
Battery capacity	AH	180
DG set noise level at 1 Mtr. distance	dB(A)	<75

Engine Parameters	Unit	DV8 SR1
Rated output (prime continuous rating) as per ISO 3046	kW (HP)	294 (400)
No of Cylinders	No's	8
Bore x Stroke	mm	130 X 150
Aspiration	NA/T/TA	TA
Governor		Electronic
Break mean effective pressure	Kg/Cm ²	15.1
SFC at 75 % load	Gms/HP-Hr	147
SFC at 100 % load	Gms/HP-Hr	146
Lube oil consumption	Ltrs/Hr	0.12% of Fuel Cons.
Lube oil change period	Hrs.	500
Lube oil sump capacity	Ltrs	41
Engine coolant capacity	Ltrs.	29

Alternator Parameter	Unit	KG 284 C
Specifications		320 KVA
Insulation Class		H
Time permitted to build up rated voltage at rated RPM	Sec's	<3
Permissible voltage dip	%	<18
Alternator efficiency at 100% load	%	93.8
Alternator efficiency at 75% load	%	94.1