

HELVETICA POWER ®



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80KW Ricardo Kofo generator set-Super Silent type

Diesel Genset:	
Model: HP080S1AS	Steady-state voltage regulation (%) : $\leq \pm 1$
Prime Power: 80kw/100kva	Voltage fluctuation rate (%) : $\leq \pm 0.5$
Elevation: $\leq 1000\text{m}$	Transient voltage regulation (%) : $+20 \sim -15$
Voltage: 400V	Voltage settling time (s) : ≤ 1
Current: 144.34A	Steady state frequency regulation (%) : $\leq \pm 1$
Frequency: 50Hz	Frequency fluctuation rate (%) : $\leq \pm 0.5$
Speed: 1500rpm	Transient frequency regulation (%) : $+10 \sim -7$
Fuel Oil: 0#,-10#	Frequency stability time (S) : ≤ 3
Dimension: 2500*1150* 1300mm	Fuel consumption (100% load): $\leq 225\text{g/kW}\cdot\text{h}$
Weight: 1410KGS	Noise (LP7m) : $\leq 68\text{dB}$
Disel Engine:	
Brand: Ricardo Kofo	Cooling Type: Water cooled
Rated Power: 88KW	Oil supply way: direct injection
Engine Model: 4RT55-88D	Speed adjustment way: electron speed governors
Cylinder No.: 4	Aspiration: Naturally Aspirated
Bore stroke: 110*140 mm	Overload capacity: 110%
Displacement: 5.32L	Compression ratio: 17:1
Starting system: DC24V electric start	Speed: 1500rpm
Brushless Alternator :	
Brand: HELVETICA POWER	Level of protection: IP23
Model: HP274C Copy Stamford brushless type, 100% copper	Connection mode: three-phase four-wire system
Prime Power: 80kw/100kva	Adjust way: AVR (automatic voltage regulator)
Voltage: 230V/400V	Frequency: 50Hz
Insulation class: class H	Power factor: $\text{COS}\Phi=0.8$
Others :	
Super Silent type	With controller
Packing: Plastic Flim + Tarpaulin cover	With ATS