

SILENT DIESEL GENERATOR

Technical Data



1-Cylinder Series

Model		KDF6700Q(-3)		KDF7500Q(-3)		KDF8500Q(-3)	
Rated Frequency	Hz	50	60	50	60	50	60
Rated Voltage	V	220,230,240,110/220,127/220,115/230,120/240,220/380,230/400,240/415					
Rated Output Power	kVA	4.5(5.6)	5.0(6.3)	5.0(6.3)	5.5(6.9)	6.0(7.5)	6.5(8.1)
Max Output Power	kVA	5.0(6.3)	5.5(6.9)	5.5(6.9)	6.0(7.5)	6.5(8.1)	7.0(8.8)
DC Output		12V 8.3A		12V 8.3A		12V 8.3A	
Phase Number		1-Phase/3-Phase		1-Phase/3-Phase		1-Phase/3-Phase	
Excitation Mode		Self-excitation,brush		Self-excitation,brush		Self-excitation,brush	
Power Factor	ϕ	1.0(0.8)		1.0(0.8)		1.0(0.8)	
Insulation Grade		F		F		F	
Fuel Tank Capacity	L	14.5		14.5		30.0	
Engine Model		KD186FAE		KD188FAE		KD192FE	
Starting System		Electric Start		Electric Start		Electric Start	
Engine Type		1-Cylinder,4-Stroke, Air-cooled,Veritcal		1-Cylinder,4-Stroke, Air-cooled,Veritcal		1-Cylinder,4-Stroke, Air-cooled,Veritcal	
Broke*Stroke	mm	86*72		88*75		92*75	
Displacement	L	0.418		0.456		0.499	
Compression Ratio		19.5:1		19.5:1		19.5:1	
Rated Rotation Speed	rpm	3000	3600	3000	3600	3000	3600
Rated Power	kW	5.8	6.6	6.6	6.9	7.6	8.6
Lube Oil Capacity	L	1.65		1.65		1.65	
Fuel Type		0#(summer),-10#(winter),Diesel oil		0#(summer),-10#(winter),Diesel oil		0#(summer),-10#(winter),Diesel oil	
Lube Type		SAE10W30(CD grade or above)		SAE10W30(CD grade or above)		SAE10W30(CD grade or above)	
Low Oil Pressure Alarm System		With		With		With	
Optional Standard		ATS		ATS		ATS	
		Remote control		Remote control		Remote control	
		Digital smart panel		Digital smart panel		Digital smart panel	
Overall Diemension (L*W*H)	mm	910*530*740		910*530*740		910*530*840	
Net Weight	kg	149		151		171	

SILENT DIESEL GENERATOR

Technical Data



1-Cylinder Series

Model		KDF9500Q(-3)		KDF11000Q(-3)	
Rated Frequency	Hz	50		50	
Rated Voltage	V	220,230,240,110/220,115/230,120/240, 220/380,230/400,240/415		220,230,240,110/220,115/230,120/240, 220/380,230/400,240/415	
Rated Output Power	kVA	6.6(8.3)		8.0(10.0)	
Max Output Power	kVA	7.5(9.3)		8.5(10.6)	
DC Output		12V 8.3A		12V 8.3A	
Phase Number		1-Phase/3-Phase		1-Phase/3-Phase	
Excitation Mode		Self-excitation,brush		Self-excitation,brush	
Power Factor	ϕ	1.0(0.8)		1.0(0.8)	
Insulation Grade		F		H	
Fuel Tank Capacity	L	30.0		26.0	
Engine Model		KD195FE		KD1100F	
Starting System		Electric Start		Electric Start	
Engine Type		1-Cylinder,4-Stroke,Air-cooled,Veritcal		1-Cylinder,4-Stroke,Air-cooled,Veritcal	
Broke*Stroke	mm	95*75		100*85	
Displacement	L	0.532		0.667	
Compression Ratio		20:1		20:1	
Rated Rotation Speed	rpm	3000	3600	3000	
Rated Power	kW	8	9.2	9.5	
Lube Oil Capacity	L	1.65		2.00	
Fuel Type		0#(summer),-10#(winter),Diesel oil		0#(summer),-10#(winter),Diesel oil	
Lube Type		SAE10W30(CD grade or above)		SAE10W30(CD grade or above)	
Low Oil Pressure Alarm System		With		With	
Optional Standard		ATS		ATS	
		Remote control		Remote control	
		Digital smart panel		Digital smart panel	
Overall Diemension (L*W*H)	mm	910*530*840		1120*692*764	
Net Weight	kg	175		210	