

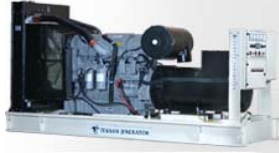


### TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL		TJ10PE	TJ15PE	TJ22PE	TJ35PE
<b>GEN-SET POWER RATING</b>					
*Stand-by Power	kVA	10	14	22	34
**Prime Power	kVA	9	12	20	31
*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may					
**Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve					
<b>DIMENSIONS W x L x H</b>					
Open Skid	mm	550x1600x920	550x1600x975	550x1600x1000	750x1850x1100
Canopied	mm	900x2200x1570	900x2200x1570	900x2200x1570	900x2200x1570
<b>FUEL TANK CAPACITY</b>					
Open Skid	lt	63	63	63	119
Canopied	lt	96	96	96	120
<b>WEIGHT</b>					
Open Skid	kg	435	465	540	738
Canopied	kg	770	800	865	1050
<b>ENGINE</b>					
Manufacturer		PERKINS	PERKINS	PERKINS	PERKINS
Origin		UK	UK	UK	UK
Model		403C-11G	403C-15G	404C-22G	1103A-33G
Governor Type		Mechanical	Mechanical	Mechanical	Mechanical
Speed	rpm	1500	1500	1500	1500
Net Stand-by Power	kWm	9,4	13,3	20,4	30,4
Net Prime Power	kWm	8,5	12,0	18,5	27,7
Cylinder number and config.		In line - 3	In line - 3	In line - 4	In line - 3
Bore/Stroke	mm	77/81	84/90	84/100	105/127
Displacement	lt	1,13	1,49	2,21	3,30
Compression ratio		23,00	22,50	23,30	19,25
Aspiration		Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated
Cooling		Water Cooled	Water Cooled	Water Cooled	Water Cooled
Electrical system	V	12	12	12	12
Fuel Consumption					
% 100 load	lt/h	2,6	3,7	5,4	7,1
% 75 load	lt/h	2,0	2,8	4,0	5,3
% 50 load	lt/h	1,5	2,1	2,9	3,9
Lub.Oil Capacity	lt	4,9	5,8	10,6	7,9
Coolant Capacity with radiator	lt	5,2	6,0	7,0	10,2
<b>ALTERNATOR</b>					
Manufacturer		SINCRO	SINCRO	MARELLI	MARELLI
Origin		ITALY	ITALY	ITALY	ITALY
Model		FT4 MDR	FT4 MDR	MJB160SB4	MJB160MB4
Stand By Power	kVA	14	14	22	35
Power Factor		0,8	0,8	0,8	0,8
Efficiency	%	83,0	83,0	87,4	88,3
Number of Bearing		Single	Single	Single	Single
Leads Number		12	12	12	12
Voltage	V	230/400	230/400	230/400	230/400
Voltage Regulation Accuracy		±2%	±2%	±1%	±1%
Frequency	Hz	50	50	50	50
Insulation Class		H	H	H	H
Protection		IP23	IP23	IP23	IP23
Excitation System		Brushes, AVR	Brushes, AVR	Brushless, AVR	Brushless, AVR
Connection		Star	Star	Star	Star

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### TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL		TJ50PE	TJ70PE	TJ90PE	TJ104PE
<b>GEN-SET POWER RATING</b>					
*Stand-by Power	kVA	51	67	90	101
**Prime Power	kVA	46	61	82	92
*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may					
**Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve					
<b>DIMENSIONS W x L x H</b>					
Open Skid	mm	750x1850x1125	750x1850x1125	750x1850x1125	750x2400x1225
Canopied	mm	900x2600x1570	900x2600x1570	1000x3250x1700	1000x3250x1700
<b>FUEL TANK CAPACITY</b>					
Open Skid	lt	119	119	139	139
Canopied	lt	120	120	168	168
<b>WEIGHT</b>					
Open Skid	kg	845	890	1022	1200
Canopied	kg	1157	1200	1442	1620
<b>ENGINE</b>					
Manufacturer		PERKINS	PERKINS	PERKINS	PERKINS
Origin		UK	UK	UK	UK
Model		1103A-33TG1	1103A-33TG2	1104C-44TG2	1006TG1A
Governor Type		Mechanical	Mechanical	Mechanical	Mechanical
Speed	rpm	1500	1500	1500	1500
Net Stand-by Power	kWm	45,6	59,3	79,1	91,5
Net Prime Power	kWm	41,3	53,8	71,9	83,0
Cylinder number and config.		In line - 3	In line - 3	In line - 4	In line - 6
Bore/Stroke	mm	105/127	105/127	105/127	100/127
Displacement	lt	3,30	3,30	4,40	5,99
Compression ratio		17,25	17,25	17,25	16
Aspiration		Turbocharged	Turbocharged	Turbocharged	Turbocharged
Cooling		Water Cooled	Water Cooled	Water Cooled	Water Cooled
Electrical system	V	12	12	12	12
Fuel Consumption					
% 100 load	lt/h	10,7	14,1	18,7	21,8
% 75 load	lt/h	8,2	10,5	14,0	16,5
% 50 load	lt/h	5,7	7,3	9,7	11,4
Lub.Oil Capacity	lt	7,9	7,9	8,0	16,1
Coolant Capacity with radiator	lt	10,2	10,2	13,0	27,7
<b>ALTERNATOR</b>					
Manufacturer		MARELLI	MARELLI	MARELLI	MARELLI
Origin		ITALY	ITALY	ITALY	ITALY
Model		MJB200SB4	MJB200MA4	MJB225SA4	MJB225SB4
Stand By Power	kVA	53	68	94	101
Power Factor		0,8	0,8	0,8	0,8
Efficiency	%	88,7	90,1	91,0	91,5
Number of Bearing		Single	Single	Single	Single
Leads Number		12	12	12	12
Voltage	V	230/400	230/400	230/400	230/400
Voltage Regulation Accuracy		±1%	±1%	±1%	±1%
Frequency	Hz	50	50	50	50
Insulation Class		H	H	H	H
Protection		IP23	IP23	IP23	IP23
Excitation System		Brushless, AVR	Brushless, AVR	Brushless, AVR	Brushless, AVR
Connection		Star	Star	Star	Star

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**TEKSAN DIESEL GENERATING SET**  
(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL		TJ51PR	TJ80PR	TJ116PR	TJ150PR	TJ160PR
<b>GEN-SET POWER RATING</b>						
*Stand-by Power	kVA	51	80	116	145	156
**Prime Power	kVA	47	72	105	132	141
*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may be run continuously. No						
**Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve hour operation						
<b>DIMENSIONS W x L x H</b>						
Open Skid	mm	750x1850x1250	750x1850x1270	750x2400x1415	750x2400x1475	750x2400x1475
Canopied	mm	900x2600x1570	900x2600x1570	1000x3250x1700	1000x3250x1700	1000x3250x1700
<b>FUEL TANK CAPACITY</b>						
Open Skid	lt	119	119	139	139	139
Canopied	lt	120	120	168	168	168
<b>WEIGHT</b>						
Open Skid	kg	995	1090	1280	1315	1440
Canopied	kg	1305	1400	1760	1735	1860
<b>ENGINE</b>						
Manufacturer		PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
Model		1004G	1004TG	1006TG2A	1006TAG	1006TAG
Governor Type		Mechanical	Mechanical	Mechanical	Electronic	Electronic
Speed	rpm	1500	1500	1500	1500	1500
Net Stand-by Power	kWm	46,2	72,3	102,0	134,0	134,0
Net Prime Power	kWm	42,0	65,7	92,3	121,0	121,0
Cylinder number and config.		In line - 4	In line - 4	In line - 6	In line - 6	In line - 6
Bore/Stroke	mm	100/127	100/127	100/127	100/127	100/127
Displacement	lt	3,99	3,99	5,99	5,99	5,99
Compression ratio		16	16	18,2	17	17
Aspiration		Naturally aspirated	Turbocharged	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled
Cooling		Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Electrical system	V	12	12	12	12	12
Fuel Consumption						
% 100 load	lt/h	11,0	14,5	22,6	31,5	31,5
% 75 load	lt/h	8,3	10,9	17,1	24,1	24,1
% 50 load	lt/h	5,7	7,7	11,2	16,5	16,5
Lub.Oil Capacity	lt	8,1	8,1	8	19	19
Coolant Capacity with radiator	lt	21	18,7	12,6	37,2	37,2
<b>ALTERNATOR</b>						
Manufacturer		MARELLI	MARELLI	MARELLI	MARELLI	MARELLI
Model		MJB200SB4	MJB200MB4	MJB225MA4	MJB225LA4	MJB250MA4
Stand By Power	kVA	53	80	116	145	180
Power Factor		0,8	0,8	0,8	0,8	0,8
Efficiency	%	88,7	90,5	91,8	92,2	92,9
Number of Bearing		Single	Single	Single	Single	Single
Leads Number		12	12	12	12	12
Voltage	V	230/400	230/400	230/400	230/400	230/400
Voltage Regulation Accuracy		±1%	±1%	±1%	±1%	±1%
Frequence	Hz	50	50	50	50	50
Insulation Class		H	H	H	H	H
Protection		IP23	IP23	IP23	IP23	IP23
Excitation System		Brushless, AVR	Brushless, AVR	Brushless, AVR	Brushless, AVR	Brushless, AVR
Connection		Star	Star	Star	Star	Star

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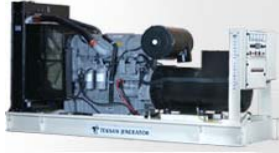


### TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL		TJ115PE	TJ170PE	TJ385PE	TJ405PE
<b>GEN-SET POWER RATING</b>					
*Stand-by Power	kVA	115	166	385	403
**Prime Power	kVA	104	151	350	356
*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may					
**Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve					
<b>DIMENSIONS W x L x H</b>					
Open Skid	mm	750x2400x1225	750x2400x1225	1100x3200x1920	1100x3200x1920
Canopied	mm	1000x3250x1700	1000x3250x1700	1300x4465x2590	1300x4465x2590
<b>FUEL TANK CAPACITY</b>					
Open Skid	lt	139	139	415	415
Canopied	lt	168	168	415	415
<b>WEIGHT</b>					
Open Skid	kg	1366	1520	2860	3000
Canopied	kg	1786	1940	3560	3700
<b>ENGINE</b>					
Manufacturer		PERKINS	PERKINS	PERKINS	PERKINS
Origin		UK	UK	UK	UK
Model		1006TG2A	1006TAG2	2306C-E14TAG2	2306C-E14TAG2
Governor Type		Mechanical	Electronic	Electronic	Electronic
Speed	rpm	1500	1500	1500	1500
Net Stand-by Power	kWm	100,0	143,0	344	344
Net Prime Power	kWm	91,0	129,3	304	304
Cylinder number and config.		In line - 6	In line - 6	In line - 6	In line - 6
Bore/Stroke	mm	100/127	100/127	137/165	137/165
Displacement	lt	5,99	5,99	14,60	14,60
Compression ratio		16	17	15,9	15,9
Aspiration		Turbocharged	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled
Cooling		Water Cooled	Water Cooled	Water Cooled	Water Cooled
Electrical system	V	24	12	24	24
Fuel Consumption					
% 100 load	lt/h	24,3	41,0	70,6	70,6
% 75 load	lt/h	17,9	31,0	52,5	52,5
% 50 load	lt/h	12,3	20,0	38,0	38,0
Lub.Oil Capacity	lt	16,1	19,0	68,0	68,0
Coolant Capacity with radiator	lt	27,7	41,0	47,0	47,0
<b>ALTERNATOR</b>					
Manufacturer		MARELLI	MARELLI	MARELLI	MARELLI
Origin		ITALY	ITALY	ITALY	ITALY
Model		MJB225MA4	MJB250MA4	MJB315SB4	MJB315MA4
Stand By Power	kVA	116	180	385	450
Power Factor		0,8	0,8	0,8	0,8
Efficiency	%	91,8	92,9	93,4	93,7
Number of Bearing		Single	Single	Single	Single
Leads Number		12	12	12	12
Voltage	V	230/400	230/400	230/400	230/400
Voltage Regulation Accuracy		±1%	±1%	±1%	±1%
Frequency	Hz	50	50	50	50
Insulation Class		H	H	H	H
Protection		IP23	IP23	IP23	IP23
Excitation System		Brushless, AVR	Brushless, AVR	Brushless, AVR	Brushless, AVR
Connection		Star	Star	Star	Star

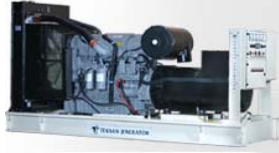
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**TEKSAN DIESEL GENERATING SET**  
(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL		TJ450PE	TJ500PE	TJ555PE	TJ655PE
<b>GEN-SET POWER RATING</b>					
*Stand-by Power	kVA	450	500	553	655
**Prime Power	kVA	403	450	509	562
*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may					
**Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve					
<b>DIMENSIONS W x L x H</b>					
Open Skid	mm	1100x3200x1920	1300x3700x2030	1300x3700x2030	1300x3700x2074
Canopied	mm	1300x4465x2590	1650x5000x2250	1650x5000x2250	1650x5000x2250
<b>FUEL TANK CAPACITY</b>					
Open Skid	lt	415	885	885	885
Canopied	lt	415	984	984	984
<b>WEIGHT</b>					
Open Skid	kg	3000	3640	3690	4400
Canopied	kg	3700	4592	4642	5350
<b>ENGINE</b>					
Manufacturer		PERKINS	PERKINS	PERKINS	PERKINS
Origin		UK	UK	UK	UK
Model		2306C-E14TAG3	2806C-E16TAG1	2806C-E16TAG2	2806C-E18TAG1A
Governor Type		Electronic	Electronic	Electronic	Electronic
Speed	rpm	1500	1500	1500	1500
Net Stand-by Power	kWm	387	433	471	553
Net Prime Power	kWm	344	390	433	475
Cylinder number and config.		In line - 6	In line - 6	In line - 6	In line - 6
Bore/Stroke	mm	137/165	140/171	140/171	145/183
Displacement	lt	14,60	15,8	15,8	18,10
Compression ratio		15,9	15,8	15,8	14,5
Aspiration		Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled
Cooling		Water Cooled	Water Cooled	Water Cooled	Water Cooled
Electrical system	V	24	24	24	24
Fuel Consumption					
% 100 load	lt/h	81,1	95,0	104,9	108,0
% 75 load	lt/h	60,9	71,6	79,2	81,0
% 50 load	lt/h	42,3	49,4	54,2	56,0
Lub.Oil Capacity	lt	68,0	68,0	68,0	55,5
Coolant Capacity with radiator	lt	47,0	50,0	50,0	61,0
<b>ALTERNATOR</b>					
Manufacturer		MARELLI	MARELLI	MARELLI	MARELLI
Origin		ITALY	ITALY	ITALY	ITALY
Model		MJB315MA4	MJB315MB4	MJB355SA4	MJB355MA4
Stand By Power	kVA	450	500	560	750
Power Factor		0,8	0,8	0,8	0,8
Efficiency	%	93,7	94,0	94,0	94,7
Number of Bearing		Single	Single	Single	Single
Leads Number		12	12	12	12
Voltage	V	230/400	230/400	230/400	230/400
Voltage Regulation Accuracy		±1%	±1%	±1%	±1%
Frequency	Hz	50	50	50	50
Insulation Class		H	H	H	H
Protection		IP23	IP23	IP23	IP23
Excitation System		Brushless, AVR	Brushless, AVR	Brushless, AVR	Brushless, AVR
Connection		Star	Star	Star	Star

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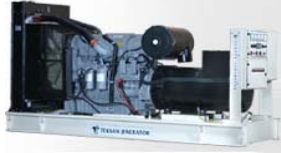


### TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL		TJ710PE	TJ815PE	TJ905PE	TJ1130PE
<b>GEN-SET POWER RATING</b>					
*Stand-by Power	kVA	709	813	905	1128
**Prime Power	kVA	642	736	808	1026
*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may					
**Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve					
<b>DIMENSIONS W x L x H</b>					
Open Skid	mm	1300x3700x2074	1650x3995x2072	1650x4040x2072	2050x4685x2270
Canopied	mm	1650x5000x2250	2438x6058x2700	2438x6058x2700	2438x6058x2700
<b>FUEL TANK CAPACITY</b>					
Open Skid	lt	885	1500	1500	2000
Canopied	lt	984	1500	1500	2000
<b>WEIGHT</b>					
Open Skid	kg	4400	4730	5125	7350
Canopied	kg	5350	9600	9995	12220
<b>ENGINE</b>					
Manufacturer		PERKINS	PERKINS	PERKINS	PERKINS
Origin		UK	UK	UK	UK
Model		2806C-E18TAG2A	4006-23TAG2A	4006-23TAG3A	4008TAG2A
Governor Type		Electronic	Electronic	Electronic	Electronic
Speed	rpm	1500	1500	1500	1500
Net Stand-by Power	kWm	599	685	760	947
Net Prime Power	kWm	542	620	679	861
Cylinder number and config.		In line - 6	In line - 6	In line - 6	In line - 8
Bore/Stroke	mm	145/183	160/190	160/190	160/190
Displacement	lt	18,10	22,92	22,92	30,56
Compression ratio		14,5	13	13	13,6
Aspiration		Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & air to air charge cooled
Cooling		Water Cooled	Water Cooled	Water Cooled	Water Cooled
Electrical system	V	24	24	24	24
Fuel Consumption					
% 100 load	lt/h	125,0	149,0	164,0	209,1
% 75 load	lt/h	92,0	113,0	124,0	155,3
% 50 load	lt/h	63,0	75,0	86,0	105,0
Lub.Oil Capacity	lt	55,5	122,7	122,7	165,6
Coolant Capacity with radiator	lt	61,0	156,0	156,0	162,0
<b>ALTERNATOR</b>					
Manufacturer		MARELLI	MARELLI	MARELLI	MARELLI
Origin		ITALY	ITALY	ITALY	ITALY
Model		MJB355MA4	MJB355MB4	MJB400MA4	MJB400MB4
Stand By Power	kVA	750	880	1025	1155
Power Factor		0,8	0,8	0,8	0,8
Efficiency	%	94,7	95,0	95,2	95,3
Number of Bearing		Single	Single	Single	Single
Leads Number		12	6	6	6
Voltage	V	230/400	230/400	230/400	230/400
Voltage Regulation Accuracy		±1%	±1%	±1%	±1%
Frequency	Hz	50	50	50	50
Insulation Class		H	H	H	H
Protection		IP23	IP23	IP23	IP23
Excitation System		Brushless, AVR	Brushless, AVR	Brushless, AVR	Brushless, AVR
Connection		Star	Star	Star	Star

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### TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL		TJ1400PE	TJ1650PE	TJ2270PE
<b>GEN-SET POWER RATING</b>				
*Stand-by Power	kVA	1400	1650	2268
**Prime Power	kVA	1270	1500	2062
*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may				
**Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve				
<b>DIMENSIONS W x L x H</b>				
Open Skid	mm	1880x4800x2355	2260x5060x2780	2780x5800x3270
Canopied	mm	2438x6058x2700	TBA	TBA
TBA : to be asked				
<b>FUEL TANK CAPACITY</b>				
Open Skid	lt	2500	2500	3500
Canopied	lt	2500	2500	3500
<b>WEIGHT</b>				
Open Skid	kg	9400	10300	15600
Canopied	kg	14270	TBA	TBA
TBA : to be asked				
<b>ENGINE</b>				
Manufacturer		PERKINS	PERKINS	PERKINS
Origin		UK	UK	UK
Model		4012TAG	4012TAG2A	4016TAG2A
Governor Type		Electronic	Electronic	Electronic
Speed	rpm	1500	1500	1500
Net Stand-by Power	kWm	1168	1380	1886
Net Prime Power	kWm	1061	1254	1715
Cylinder number and config.		V - 12	V - 12	V - 16
Bore/Stroke	mm	160/190	160/190	160/190
Displacement	lt	45,84	45,84	61,12
Compression ratio		13,6	13,6	13,6
Aspiration		Turbocharged & air to air charge cooled	Turbocharged & air to air charge cooled	Turbocharged & air to air charge cooled
Cooling		Water Cooled	Water Cooled	Water Cooled
Electrical system	V	24	24	24
Fuel Consumption				
% 100 load	lt/h	260,1	294,0	422,6
% 75 load	lt/h	188,5	220,5	316,9
% 50 load	lt/h	128,8	145,5	438,9
Lub.Oil Capacity	lt	177,6	177,6	237,2
Coolant Capacity with radiator	lt	200,0	235,0	316,0
<b>ALTERNATOR</b>				
Manufacturer		MARELLI	MARELLI	MARELLI
Origin		ITALY	ITALY	ITALY
Model		MJB400LB4	MJB450MB4	MJB500MB4
Stand By Power	kVA	1430	1650	2370
Power Factor		0,8	0,8	0,8
Efficiency	%	95,8	95,9	96,2
Number of Bearing		Single	Single	Single
Leads Number		6	6	6
Voltage	V	230/400	230/400	230/400
Voltage Regulation Accuracy		±1%	±1%	±1%
Frequency	Hz	50	50	50
Insulation Class		H	H	H
Protection		IP23	IP23	IP23
Excitation System		Brushless, AVR	Brushless, AVR	Brushless, AVR
Connection		Star	Star	Star

All information given in this leaflet is intended for general purposes only. Due to a policy of continuous improvement.