

BRUSHLESS ALTERNATOR GENERATOR



CGENTECH COMAPNY LIMITED



COMPANY INTRODUCTION

CGENTECH is a leading Supplier of professional-quality power alternators, Brushless Synchronous AC Alternator as well as professional service on after sales service. Cgentech offer its products and service to the partner around the world from the office located in Nanjing city Jiangsu province, China.

CGENTECH Brushless Synchronous AC Alternator represent the latest alternators technologies, reflected by outstanding performance and longer unit life. We solicit user and distributor input on product performance, comfort, safety, considerate service and life-time partnership. Then, we provide Brushless Synchronous AC Alternator, which meets the tightest tolerances in the industry.

CGENTECH possesses an excellent sales team, knowing lot about the overseas market, and providing the alternators the buyer need, not those the factory can or have.



CGENTECH has a professional team, with abundant technical knowledge about the alternators, who is doing the strict quality survey and inspection, to make sure that the CGENTECH alternators are produced to perfect and tested each by each before ex-works.

CGENTECH has a responsible service team, having sufficient experience for CGENTECH Brushless Synchronous AC Alternator maintenance and warranty support.

CGENTECH Brushless Synchronous AC Alternator stands with its distributors and customers. Ex-work is just the start of the long journey of our Alternator. The distributors and customers can rely on CGENTECH group, whenever needed.

You need, we provide

CGENTECH

WHY CHOOSE US?

- We make the stator and rotor by ourself. We have the silicon steel plates factory. Meanwhile, we are the supplier to other alternators' factory in China.
- We make the alternator's frame cover, terminal box, disc plate by ourself. We have our own laser cutting machine and bending machine.
- 100% copper winding. We use the best materials available in Chinese market.
- Each alternator will be tested before delivery. Quality warranty: 2 years.
- All of our workers are skilled men, who are with more than 5 years experience in alternators' fields.
- You need, we provide.



C.GEN MAIN SPARE PARTS

INSULATION AND IMPREGNATING CLASS H SYSTEM

All winding components are made of special material and impregnated with vacuum varnish system and ensure that the alternator is operated under bad conditions. Special resin ensure the winding and rotating parts have high strength.

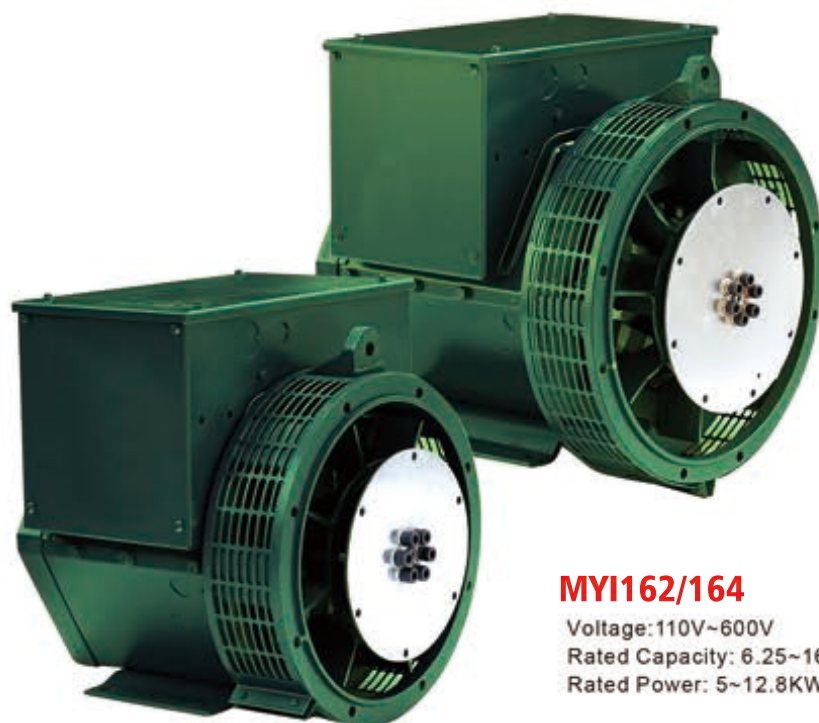
WINDING AND ELECTRIC PROPERTIES

2/3 pitch windings design adopted in all the alternators that can effectively eliminated the third harmonic wave (3th, 9th, 15th...) of voltage. Which is the best design of UPS for nonlinear load. Connected with the power supply network in parallel, the stricture can prevent the high current in the middle line.



BRUSHLESS ALTERNATOR/GENERATOR

- The alternators have been designed for use in a maximum ambient temperature of 40°C and altitude less than 1000m above sea level
- Extended range voltage can be obtained from single windings or from 12-leads adjusted
- Other special voltage range can be met by our company



MYI162/164
Voltage: 110V~600V
Rated Capacity: 6.25~16KVA
Rated Power: 5~12.8KW

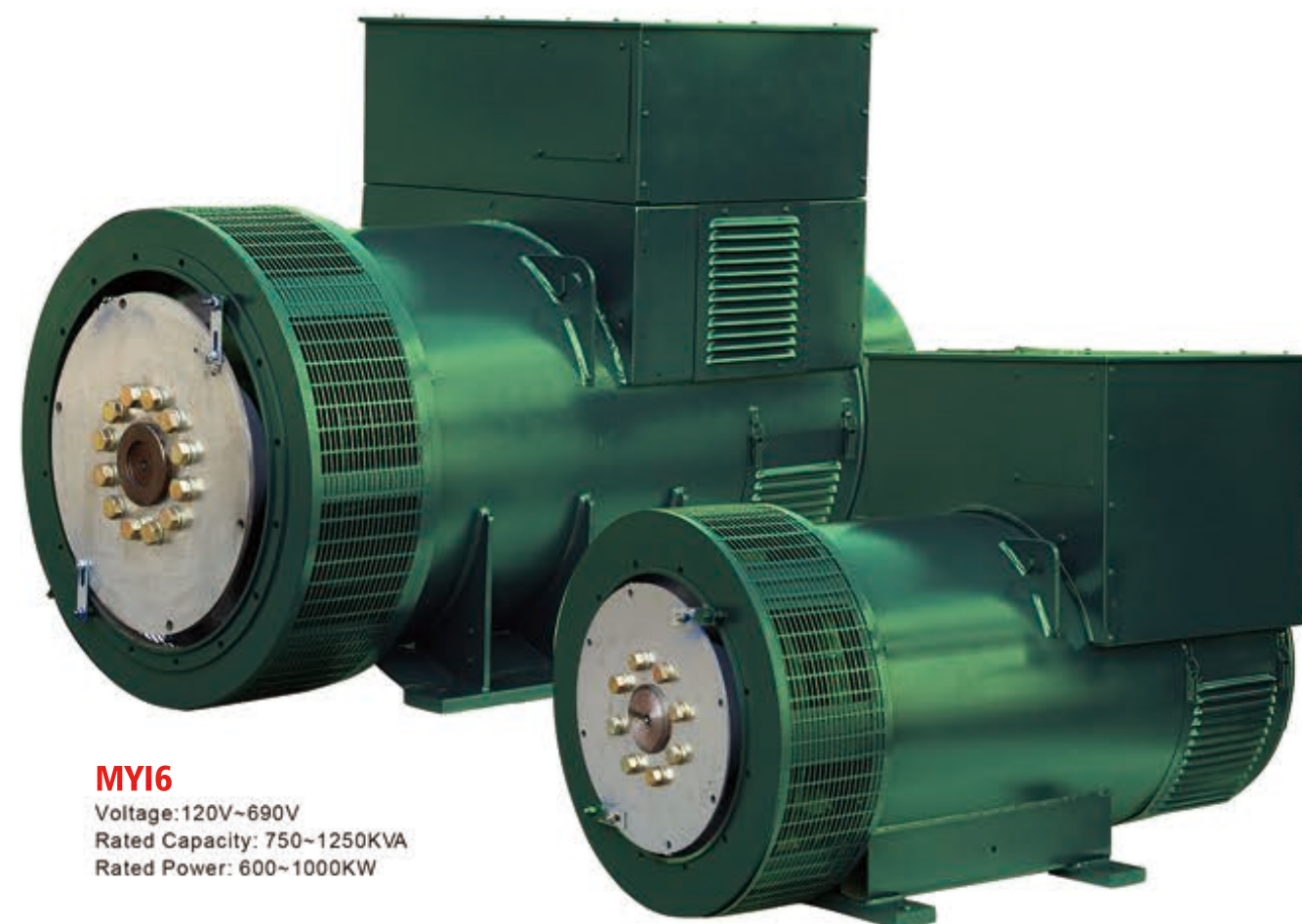


MYI274
Voltage: 120V~690V
Rated Capacity: 100~250KVA
Rated Power: 80~200KW

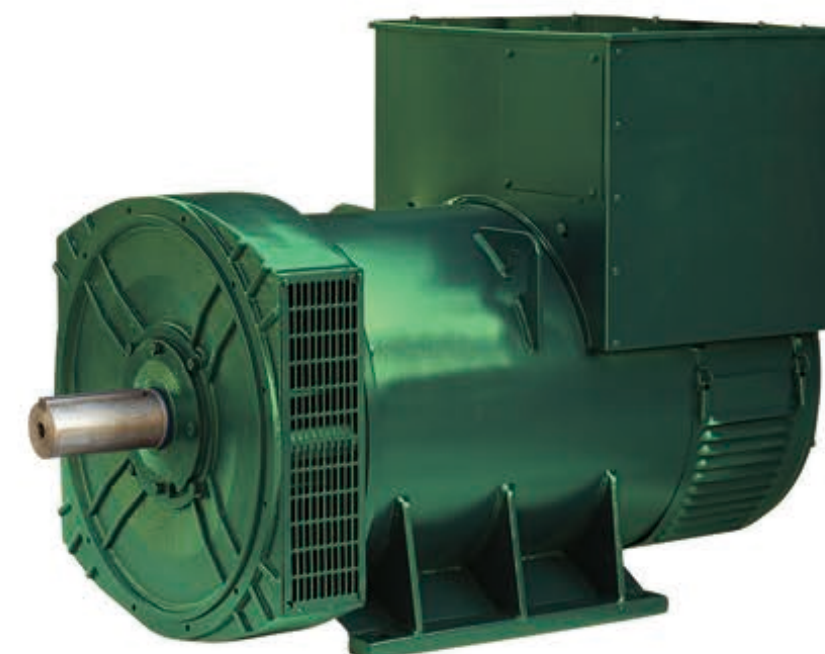


MYI224
Voltage: 120V~690V
Rated Capacity: 42.5~88KVA
Rated Power: 34~70KW

MYI182/184
Voltage: 120V~600V
Rated Capacity: 22.6~37.5KVA
Rated Power: 18~30KW

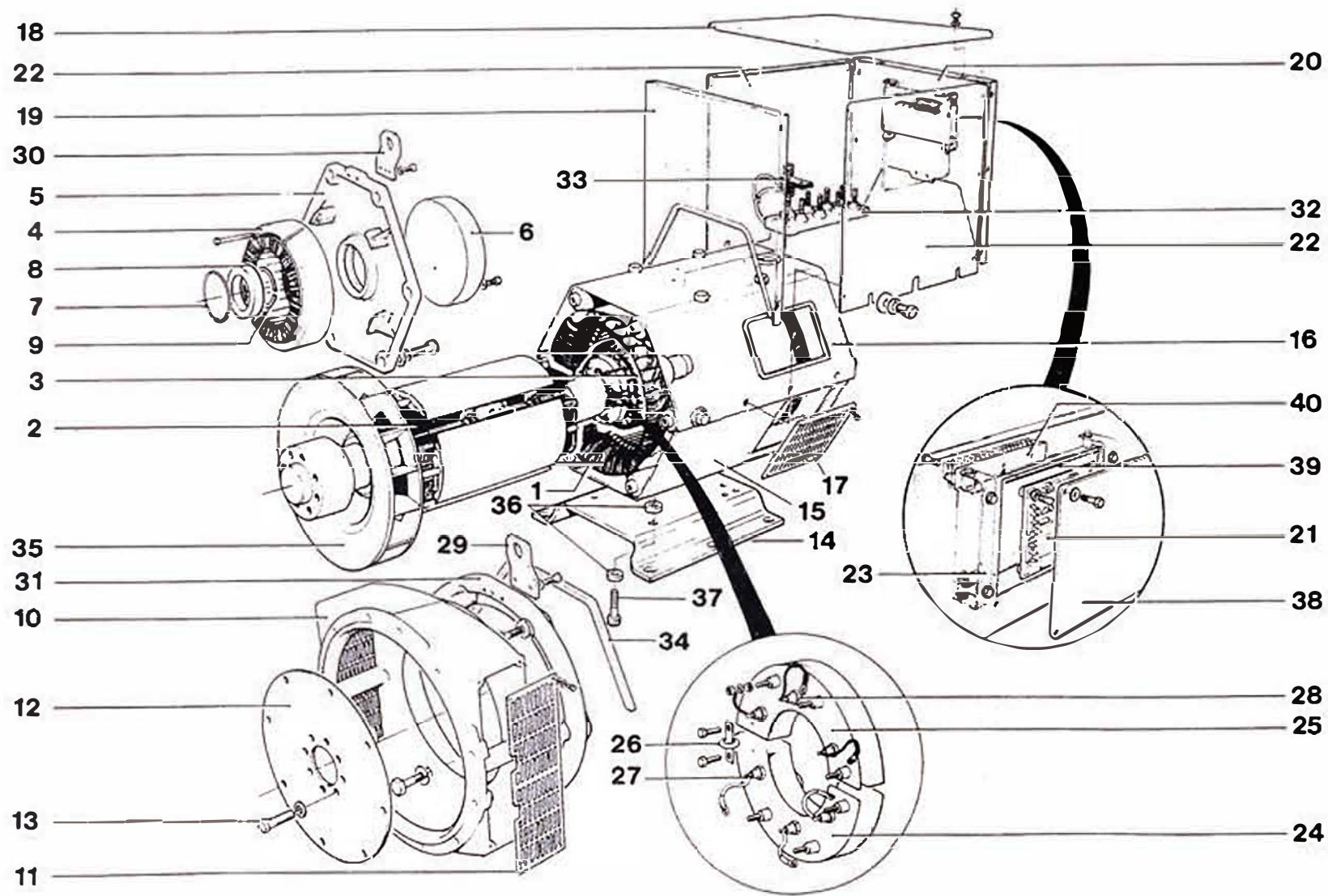


MYI6
Voltage: 120V~690V
Rated Capacity: 750~1250KVA
Rated Power: 600~1000KW



MYI4
Voltage: 120V~690V
Rated Capacity: 250~375KVA
Rated Power: 200~300KW

MYI5
Voltage: 120V~690V
Rated Capacity: 450~625KVA
Rated Power: 360~500KW



PARTS LIST

Plate Ref.	Description	Plate Ref.	Description
1	Stator	25	MainRectifierAssembly-Reverse
2	Rotor	26	Varistor
3	Exciter Rotor	27	Diode-Forward Polarity
4	Exciter Stator	28	Diode-Reverse Polarity
5	N.D.E.Bracket	29	Lifting Lug-D.E.
6	Cover N.D.E.	30	Lifting Lug-N.D.E.
7	Bearing0'RingN.D.E.	31	Frame to Endbracket AdaptorRing
8	Bearing N.D.E.	32	Main Terminal Panel
9	Bearing Circlip N.D.E.	33	Terminal Link
10	D.E.Bracket/Engine Adaptor	34	Edging Strip
11	D.E.Screen	35	Fan
12	Coupling Disc	36	Foot Mounting Spacer
13	Coupling Bolt	37	Cap Screw
14	Foot	38	AVRAccess Cover
15	FrameCover Bottom	39	AVRAnti-Vibration MountingAssembly
16	FrameCoverTop	40	Auxiliary Terminal Assembly
17	Air InletCover		
18	Terminal Box Lid		
19	EndpaneD.E.		
20	EndpaneN.D.E.		
21	AVR		
22	Side Panel		
23	AVRMounting Bracket		
24	MainRectifierAssembly-Forward		

N.D.E. NonDrive End
D.E. Drive End
PMG Permanent Magnet Generator
AVR Automatic Voltage Regulator

SPECIFICATIONS & OPTIONS

STANDARDS

CGEN industrial generators meet the requirements of BSEN60034 and the relevant section of Other international standards such as BS5000, VDE0530, NEMA MG1-32, IEC34, CSA C22.2-100, AS1359. Other standards and certifications can be considered on request.

VOLTAGE REGULATORS

SX460 SX440 AS440 AVR – STANDARD

With this self-excited system the main stator provides power via the Automatic Voltage regulator (AVR) to the exciter stator. The high efficiency semi-conductors of the AVR ensure positive build-up from initial low level of residual voltage. The exciter rotor output is fed to the main rotor through a three-phase full-wave bridge rectifier. The rectifier is protected by a surge suppressor against surges caused, for example, by short circuit or out-of-phase paralleling. The AVR will support arrangement of electronic accessories, including a 'droop' Current transformer (CT) to permit parallel operation with other ac generators.

MX341 AVR

This sophisticated AVR is incorporated into the Permanent Magnet Generator (PMG) control system. The PMG provides power via the AVR to the main exciter, giving a source of constant excitation power independent of generator output. The main exciter output is then fed to the main rotor, through a full-wave bridge, protected by a surge suppressor. The AVR has in-built protection against sustained over-excitation, caused by internal or external faults. This de-excites the machine after a minimum of 5 seconds. An engine relief load acceptance feature can enable full load to be applied to the generator in a single step. If three-phase sensing is required with the PMG system the MX321 AVR must be used. We recommend three-phase sensing for application with greatly unbalanced or highly non-linear loads.

MX321 AVR

The most sophisticated of all our AVRs combines all the features of the MX341 with, additionally, three-phase rms sensing, for improved regulation and performance. Over voltage protection is built-in and short circuit current level adjustments is an optional facility.

WINDINGS & ELECTRICAL PERFORMANCE

All generator stators are wound to 2/3 pitch. This eliminates triplen (3rd, 9th, 15th...) harmonics on the voltage waveform and is found to be the optimum design for trouble-free supply of non-linear loads. The 2/3 pitch design avoids excessive neutral currents sometimes seen with higher winding pitches, when in parallel with the mains. A fully connected damper winding reduces oscillations during paralleling. This winding, with the 2/3 pitch and carefully selected pole and tooth designs, ensures very low waveform distortion.

TERMINALS & TERMINAL BOX

Standard generators are 3-phase reconnectable with 12 ends brought out to the terminals, which are mounted on a cover at the non-drive end of the generator. A sheet steel terminal box contains the AVR and provides sample space for the customers' wiring and gland arrangements. It has removable panels for easy access.

SHAFT & KEYS

All generator rotors are dynamically balanced to better than BS6861: Part 1 Grade 2.5 for minimum vibration in operation. Two bearing generators are balanced with a half key.

INSULATION/IMPREGNATION

The insulation system is class 'H'. All wound components are impregnated with materials and processes designed specifically to provide the high build required for static windings and the high mechanical strength required for rotating components.

QUALITY ASSURANCE

Generators are manufactured using production procedures having a quality assurance level to BSEN ISO 9001. The stated voltage regulation may not be maintained in the presence of certain radio transmitted signals. Any change in performance will fall within the limits of Criteria 'B' of EN61000-6-2:2001. At no time will the steady-state voltage regulation exceed 2%.

NB Continuous development of our products entitles us to change specification details without notice, therefore they must not be regarded as binding.

MODEL & POWER

MODEL	THREE PHASE 50HZ 1500 RPM 380-415V		THREE PHASE 60HZ 1800RPM 440-480V	
	KVA	KW	KVA	KW
MYI164A	8.1	6.5	10.2	8.2
MYI164B	11	8.8	13.8	11
MYI164C	13.5	10.8	16.9	13.5
MYI164D	16	12.8	20	16
MYI184E	22.5	18	28.8	23
MYI184F	27.5	22	34.4	27.5
MYI184G	31.3	25	37.5	30
MYI184H	37.5	30	46.9	37.5
MYI184J	40	32	50	40
MYI224C	42.5	34	52.5	42
MYI224D	50	40	62.5	50
MYI224E	62.5	50	70	56
MYI224F	75	60	87.5	70
MYI224G	87.5	70	97.5	78
MYI274C	100	80	118	94
MYI274D	114	91	138	110
MYI274E	140	112	168	134
MYI274F	160	128	190	152
MYI274G	175	140	213	170
MYI274H	200	160	245	196
MYI274J	225	180	281	225
MYI274K	250	200	300	240
MYI4C	250	200	300	240
MYI4D	300	240	360	288
MYI4ES	325	260	394	316
MYI4E	350	280	420	336
MYI4FS	380	304	456	365
MYI4F	400	320	480	384
MYI5C	450	360	550	440
MYI5D	500	400	610	488
MYI5ES	563	450	625	500
MYI5E	600	480	713	570
MYI5FS	625	500	725	580
MYI5F	670	536	775	620
MYI6B	750	600	855	684
MYI6C	800	640	916	733
MYI6D	910	728	1043	843
MYI6E	1000	800	1145	916
MYI6F	1130	904	1274	1019
MYI6G	1250	1000	1386	1109



MYI162

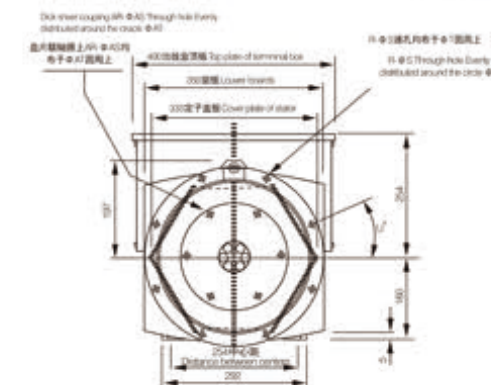
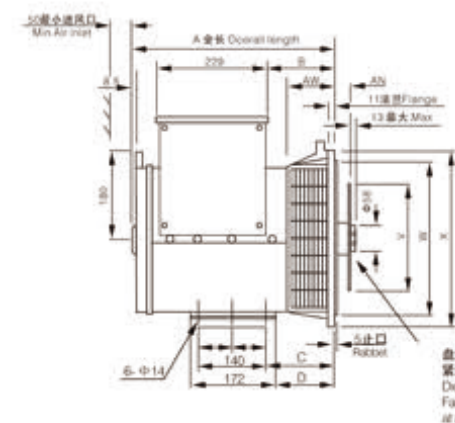
Alternator
BRUSHLESS SYNCHRONOUS AC

TYPE	MYI162 3 PHASE								MYI162 1 PHASE					
	CLASS H TEMPERATURE-RISE(125°C)								CLASS H TEMPERATURE-RISE(125°C)					
VOLTAGE	50Hz(3000RPM)				60Hz(3600RPM)				50Hz(3000RPM)			60Hz(3600RPM)		
STAR-SERIES	380	400	415	440	416	440	460	480	220	230	240	220	230	240
STAR-PARALLEL	190	200	208	220	208	220	230	240	110	115	120	110	115	120
△-SERIES	220	230	240	254	240	254	266	277						
MYI162D														
RATED CAPACITY	12.5	12.5	12.5	12.0	14.7	15.6	15.6	15.6	8.4	8.4	8.4	10.0	10.1	10.0
RATED POWER	10.0	10.0	10.0	9.6	11.8	12.5	12.5	12.5	6.7	6.7	6.7	8.0	8.0	8.0
EFFICIENCE	72.4	73.3	74.0	75.0	71.1	71.9	72.8	73.5	67.3	67.9	68.4	64.5	65.3	66.0
INPUT POWER	13.8	13.6	13.5	12.8	16.6	17.4	17.2	17.0	10.0	9.9	9.8	12.4	12.2	12.1
MYI162E														
RATED CAPACITY	15.0	15.0	15.0	14.5	17.8	18.8	18.8	18.8	10.0	10.0	10.0	12.4	12.4	12.4
RATED POWER	12.0	12.0	12.0	11.6	14.2	15.0	15.0	15.0	8.0	8.0	8.0	9.9	9.9	9.9
EFFICIENCE	76.3	77.0	77.5	78.2	75.1	75.8	76.5	77.0	71.2	71.7	72.0	68.8	69.5	70.1
INPUT POWER	15.7	15.6	15.5	14.8	18.9	19.8	19.6	19.5	11.2	11.2	11.1	14.4	14.3	14.2
MYI162F														
RATED CAPACITY	17.5	17.5	17.5	17.0	20.8	21.9	21.9	21.9	11.8	11.8	11.8	14.4	14.4	14.4
RATED POWER	14.0	14.0	14.0	13.6	16.6	17.5	17.5	17.5	9.4	9.4	9.4	11.5	11.5	11.5
EFFICIENCE	78.5	79.1	79.6	80.2	77.4	78.1	78.7	79.2	73.6	74.0	74.3	71.4	72.1	72.6
INPUT POWER	17.8	17.7	17.6	16.9	21.4	22.4	22.2	22.1	12.8	12.8	12.7	16.1	16.0	15.9
MYI162G														
RATED CAPACITY	25.0	25.0	25.0	24.0	29.6	31.3	32.3	31.3	16.8	16.8	16.8	20.6	20.6	20.6
RATED POWER	20.0	20.0	20.0	19.2	23.7	25.0	25.0	25.0	13.4	13.4	13.4	16.5	16.5	16.5
EFFICIENCE	80.7	81.4	81.9	82.6	80.0	80.6	81.2	81.7	76.7	77.1	77.4	74.7	75.3	75.9
INPUT POWER	24.8	24.6	24.4	23.2	29.6	31.0	30.8	30.6	17.5	17.4	17.4	22.1	21.9	21.7

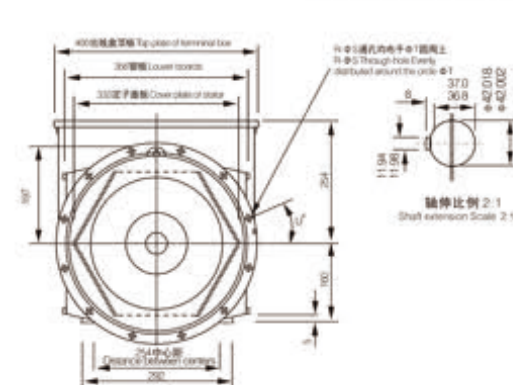
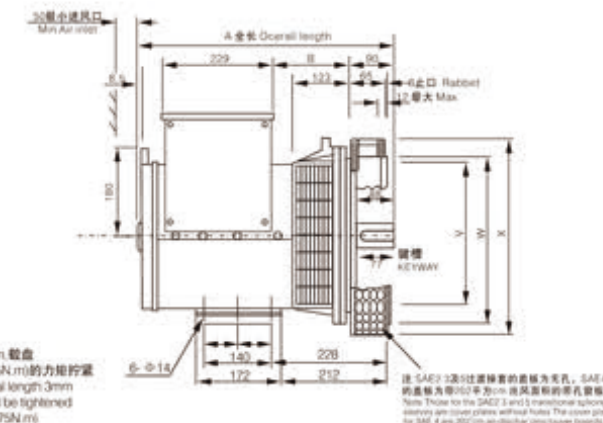
Note : • The generators have been designed for use in a maximum ambient temperature of 40°C and altitude less than 1000m above sea level
• Extended range voltage can be got from single windings or from 12-leads adjusted • Other special voltage range can be met by our company

MYI162

MYI162 SINGLE-BEARING



MYI162 DOUBLE-BEARING



DIMENSION		
TYPE	A	B
MYI162D	364.5	93
MYI162E	364.5	93
MYI162F	416.5	132
MYI162G	416.5	132

COUPLING DISC					
S.A.E.No.	AN	AM	AP	AR	V
6.5	30.16	6	8.7	200.0	215.8
7.5	30.16	8	8.7	222.2	241.2
8	61.9	6	11	244.5	263.4
10	53.98	8	11	295.3	314.2

ADAPTOR								
S.A.E.No.	AN	R	S	T	U*	W	X	D
2	132.3	12	11	466.7	15	447.6	489	172
3	105	8	11	428.6	15	409.5	451	145
4	93	8	11	381.0	15	361.9	402	133
5	93	8	11	333.3	22.5	314.3	356	117
6	124.7	8	11	385.8	22.5	266.7	308	164.7

TRANSPORTATION DATA			
TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI162D	83	93	64 × 54 × 72
MYI162E	94	104	64 × 54 × 72
MYI162F	101	111	64 × 54 × 72
MYI162G	117	127	64 × 54 × 72

DIMENSION		
TYPE	A	B
MYI162D	484.5	123
MYI162E	484.5	123
MYI162F	536.5	162
MYI162G	536.5	162

ADAPTOR						
S.A.E.No	R	S	T	U*	V	X
2	12	11	466.7	15	432	447.6
3	12	11	428.6	15	396	409.5
4	12	11	381.0	15	352	361.9
5	8	11	333.3	22.5	301	314.3

TRANSPORTATION DATA		
TYPE	N.W (kg)	G.W (kg)
MYI162D	89	99
MYI162E	100	110
MYI162F	107	117
MYI162G	123	133

All drawings and weight data are just for reference, please contact company if there is any doubt

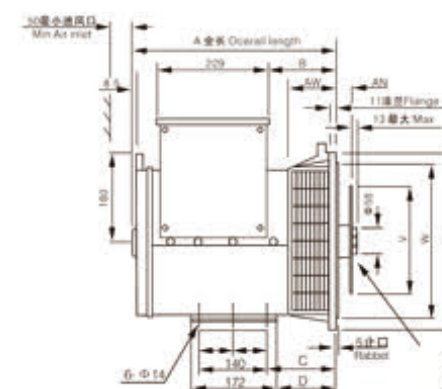


MYI164

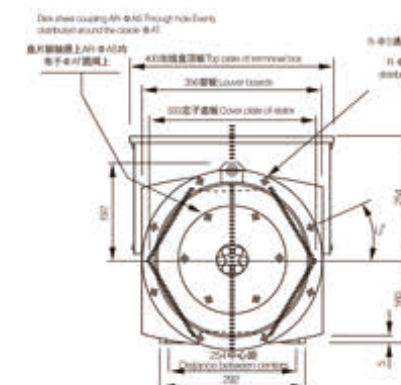
Alternator
BRUSHLESS SYNCHRONOUS AC

MYI164

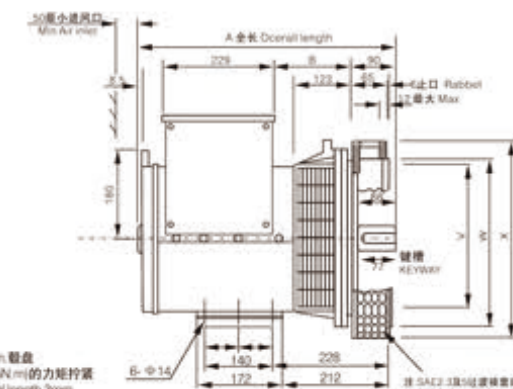
MYI164 SINGLE-BEARING



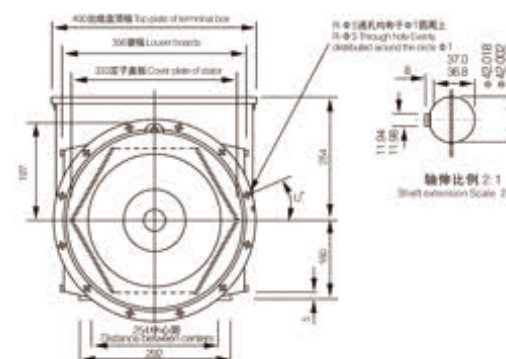
盘式联轴器，总厚3mm 盘套
紧用螺栓用7.6kN.m(75N.m)的力矩拧紧
Disk sheet coupling total length 3mm
Fastening screw should be tightened
at a torque of 7.6kN.m(75N.m)



MYI164 DOUBLE-BEARING



注：SAG2.3和SAG2.4的盘套为202平方厘米，SAG2.4的盘套为202平方厘米，SAG2.4的盘套为202平方厘米，SAG2.4的盘套为202平方厘米。
Note: Please for the SAG2.3 and SAG2.4 transverse coupling, always use rubber plates without holes. The cover plates for SAG 2 are 202cm on the diameter coupling boards with holes.



轴伸比例 2:1
Shaft extension Scale 2:1

TYPE	MYI164 3 PHASE								MYI164 1 PHASE			
	CLASS H TEMPERATURE-RISE(125℃)								CLASS H TEMPERATURE-RISE(125℃)			
VOLTAGE	50Hz(1500RPM)				60Hz(1800RPM)				50Hz(1500RPM)		60Hz(1800RPM)	
STAR-SERIES	380	400	415	440	416	440	460	480	220	230	240	240
STAR-PARALLEL	190	200	208	220	208	220	230	240	110	115	120	120
△-SERIES	220	230	240	254	240	254	266	277				
MYI164A												
RATED CAPACITY	8.1	8.1	8.1	8.1	9.6	10.2	10.2	10.2	5.4	5.4	5.4	6.4
RATED POWER	6.5	6.5	6.5	6.5	7.7	8.2	8.2	8.2	4.3	4.3	4.3	5.1
EFFICIENCY	75.6	76.2	76.6	77.1	75.8	76.3	76.9	77.4	69.6	69.6	70.0	69.5
INPUT POWER	8.6	8.5	8.5	8.4	10.1	10.7	10.6	10.5	6.2	6.2	6.2	7.4
MYI164B												
RATED CAPACITY	11.0	11.0	11.0	11.0	13.0	13.8	13.8	13.8	7.4	7.4	7.4	8.8
RATED POWER	8.8	8.8	8.8	8.8	10.4	11.0	11.0	11.0	5.9	5.9	5.9	7.0
EFFICIENCY	78.8	79.4	79.8	80.2	79.0	79.4	80.0	80.5	73.5	73.8	73.9	73.3
INPUT POWER	11.2	11.1	11.0	11.0	13.2	13.9	13.8	13.7	8.1	8.0	8.0	9.6
MYI164C												
RATED CAPACITY	13.5	13.5	13.5	13.5	16.0	16.9	16.9	16.9	9.0	9.0	9.0	10.8
RATED POWER	10.8	10.8	10.8	10.8	12.8	13.5	13.5	13.5	7.2	7.2	7.2	8.6
EFFICIENCY	80.0	80.7	81.0	81.5	80.3	80.7	81.3	81.7	75.5	75.5	75.7	75.6
INPUT POWER	13.5	13.4	13.3	13.3	15.9	16.7	16.6	16.5	9.6	9.5	9.5	11.4
MYI164D												
RATED CAPACITY	16.0	16.0	16.0	16.0	18.9	20.0	20.0	20.0	10.8	10.8	10.8	13.5
RATED POWER	12.8	12.8	12.8	12.8	15.1	16.0	16.0	16.0	8.6	8.6	8.6	10.8
EFFICIENCY	81.0	81.6	81.9	82.4	81.2	81.7	82.2	82.7	76.5	76.7	76.9	76.4
INPUT POWER	15.8	15.7	15.6	15.5	18.6	19.6	19.5	19.4	11.2	11.1	11.1	13.0

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DIMENSION

TYPE	A	B
MYI164A	364.5	93
MYI164B	364.5	93
MYI164C	391.5	107
MYI164D	391.5	107

COUPLING DISC

S.A.E.No.	AN	AM	AP	AR	V
6.5	30.16	6	8.7	200.0	215.8
7.5	30.16	8	8.7	222.2	241.2
8	61.9	6	11	244.5	263.4
10	53.98	8	11	295.3	314.2

ADAPTOR

S.A.E.No.	AN	R	S	T	U*	W	X	C	D
2	132.3	12	11	466.7	15	447.6	489	172	156
3	105	8	11	428.6	15	409.5	451	145	129
4	93	8	11	381.0	15	361.9	402	133	117
5	93	8	11	333.3	22.5	314.3	356	133	117
6	124.7	8	11	385.8	22.5	266.7	308	164.7	148.7

TRANSPORTATION DATA

	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI164A	85	95	64×54×72
MYI164B	90	102	64×54×72
MYI164C	96	110	64×54×72
MYI164D	99	116	64×54×72

DIMENSION

TYPE	A	B
MYI164A	484.5	123
MYI164B	484.5	123
MYI164C	511.5	137
MYI164D	511.5	137

ADAPTOR

S.A.E.No	R	S	T	U*	V	W	X
2	12	11	466.7	15	432	447.6	495
3	12	11	428.6	15	396	409.5	451
4	12	11	381.0	15	352	361.9	403
5	8	11	333.3	22.5	301	314.3	356

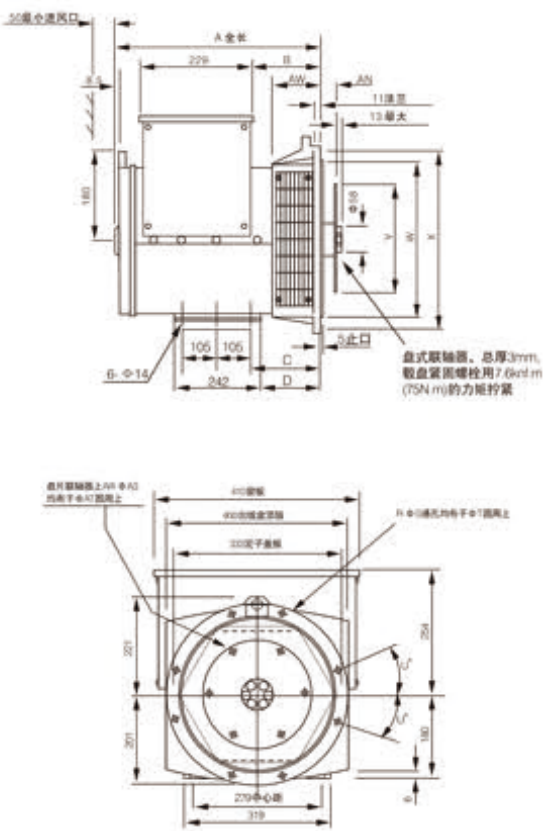
TRANSPORTATION DATA

TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI164A	91	101	64×54×72
MYI164B	98	108	64×54×72
MYI164C	106	116	64×54×72
MYI164D	112	122	64×54×72

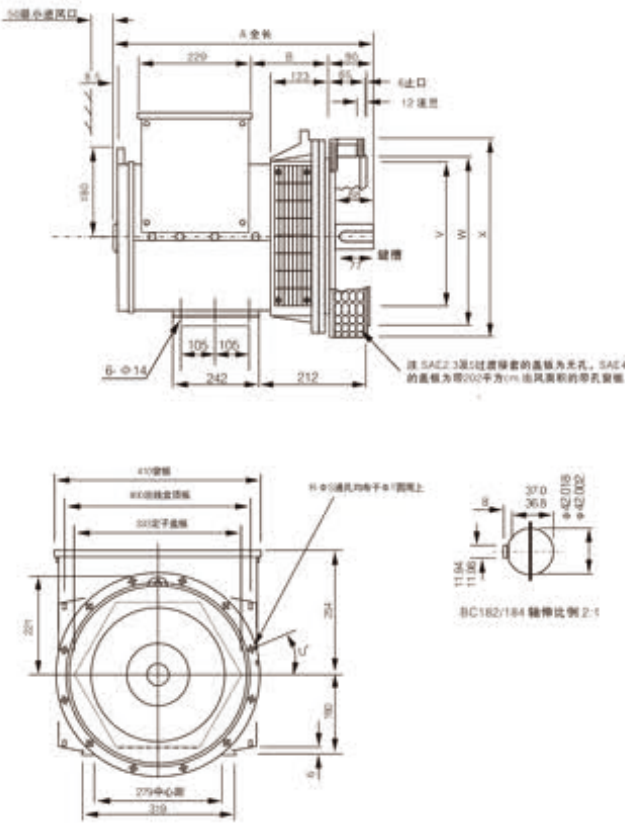
All drawings and weight data are just for reference, please contact company if there is any doubt

MYI182

MYI182 SINGLE-BEARING



MYI182 DOUBLE-BEARING



COUPLING DISC					
S.A.E.No.	AN	AR	AS	AT	V
6.5	30.16	6	8.7	200.0	215.8
7.5	30.16	8	8.7	222.2	241.2
8	61.9	6	11	244.5	263.4
10	53.98	8	11	295.3	314.2
11.5	39.68	8	11	333.4	352.3
14	25.4	8	13.5	438.2	466.5

ADAPTOR									
S.A.E.No.	AW	R	S	T	U*	W	X	C	D
2	132.3	12	11	466.7	15	447.6	489	172	156
3	105	8	11	428.6	15	409.5	451	145	129
4	93	8	11	381.0	15	361.9	402	133	117
5	93	8	11	333.3	22.5	314.3	356	133	117
6	124.7	8	11	385.8	22.5	266.7	308	164.7	148.7

ADAPTOR							
S.A.E.No	C	D	R	S	T	W	X
1	220.3	204.3	12	12.7	530.2	511.1	553
2	206	190	12	11	466.7	447.6	490
3	206	190	12	11	428.6	409.5	451
4	206	190	12	11	381	361.9	453

TRANSPORTATION DATA			
TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI182H	130	140	64×54×72
MYI182J	143	153	64×54×72
MYI182K	159	169	64×54×72

DIMENSION						
TYPE	A	B	C	D	E	F
MYI182H	601.5	227	65	228	82	77
MYI182J	601.5	227	65	228	82	77
MYI182K	641.5	267	65	228	82	77

ADAPTOR							
S.A.E.No	R	S	T	U*	V	W	X
1	12	12.7	530.2	15	500	511.17	553
2	12	11	466.7	15	432	447.6	495
3	12	11	428.6	15	396	409.5	451
4	12	11	381.0	15	352	361.9	403
5	8	11	333.3	22.5	301	301	356

TRANSPORTATION DATA			
TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI182H	137	147	64×54×72
MYI182J	150	160	64×54×72
MYI182K	166	176	64×54×72

All drawings and weight data are just for reference, please contact company if there is any doubt

MYI182

Alternator
BRUSHLESS SYNCHRONOUS AC

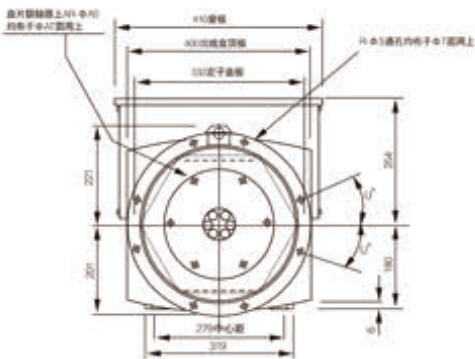
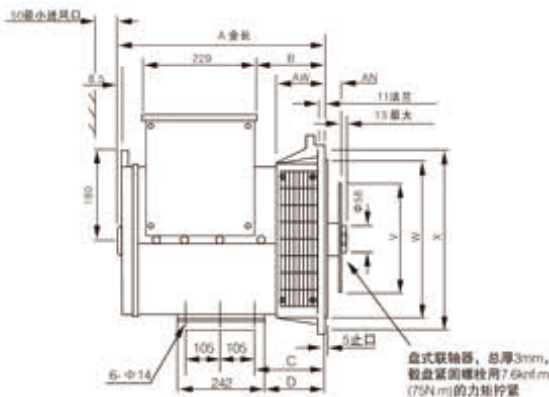


TYPE	MYI182 3 PHASE								MYI182 1 PHASE					
	CLASS H TEMPERATURE-RISE(125℃)								CLASS H TEMPERATURE-RISE(125℃)					
	50Hz(3000RPM)				60Hz(3600RPM)				50Hz(3000RPM)			60Hz(3600RPM)		
VOLTAGE														
STAR-SERIES	380	400	415	440	416	440	460	480	220	230	240	220	230	240
STAR-PARALLEL	190	200	208	220	208	220	230	240	110	115	120	110	115	120
Δ-SERIES	220	230	240	254	240	254	266	277						
MYI182H														
RATED CAPACITY	30.0	30.0	30.0	29.4	33.0	35.0	35.0	35.0	20.0	20.0	20.0	24.8	24.8	24.8
RATED POWER	24.0	24.0	24.0	23.2	26.4	28.0	28.0	28.0	16.0	16.0	16.0	19.8	19.8	19.8
EFFICIENCY	81.2	81.9	82.3	83.0	80.3	80.9	81.5	82.0	77.2	77.6	77.9	75.0	75.6	76.2
INPUT POWER	29.5	29.3	29.2	28.0	32.9	34.6	34.3	34.1	20.7	10.6	20.5	26.5	26.2	26.0
MYI182J														
RATED CAPACITY	35.0	35.0	35.0	34.0	37.8	40.0	40.0	40.0	23.5	23.5	23.5	28.9	28.9	28.9
RATED POWER	28.0	28.0	28.0	27.2	30.2	32.0	32.0	32.0	18.8	18.8	18.8	23.4	23.1	23.1
EFFICIENCY	82.3	83.0	83.4	84.0	81.5	82.1	82.6	83.1	78.5	78.9	79.2	76.5	77.1	77.6
INPUT POWER	34.0	33.8	33.6	32.4	37.1	39.0	38.7	38.5	24.0	23.8	23.7	30.2	30.0	29.8
MYI182K														
RATED CAPACITY	37.5	37.5	37.5	36.3	44.3	46.9	46.9	46.9	25.0	25.0	25.0	31.0	31.0	31.0
RATED POWER	30.0	30.0	30.0	29.0	35.4	37.5	37.5	37.2	20.0	20.0	20.0	24.8	24.8	24.8
EFFICIENCY	84.3	84.7	85.0	85.4	83.5	84.0	84.4	84.3	80.4	80.6	80.8	78.8	79.2	76.6
INPUT POWER	35.6	35.4	35.5	34.0	42.5	44.7	44.5	44.3	24.9	24.8	24.8	31.5	31.3	31.1

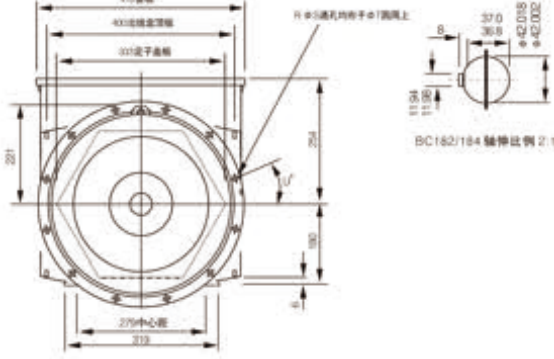
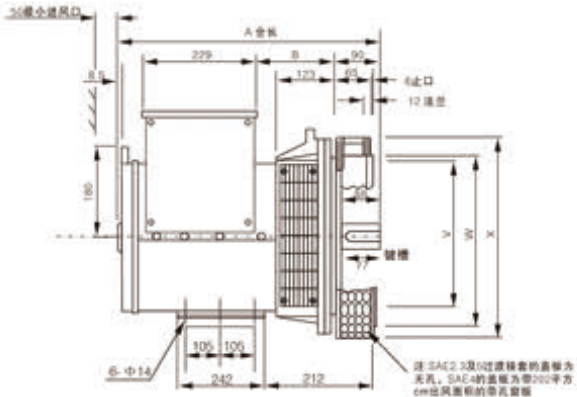
Note: • The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sea level
• Extended range voltage can be got from single windings or from 12-leads adjusted
• Other special voltage range can be met by company

MYI184

MYI184 SINGLE-BEARING



MYI184 DOUBLE-BEARING



COUPLING DISC

S.A.E.No.	AN	AM	AP	AR	V
6.5	30.16	6	8.7	200.0	215.8
7.5	30.16	8	8.7	222.2	241.2
8	61.9	6	11	244.5	263.4
10	53.98	8	11	295.3	314.2
11.5	39.68	8	11	333.4	352.3
14	25.4	8	13.5	438.2	466.5

ADAPTOR

S.A.E.No.	AW	R	S	T	U*	W	X	C	D
2	132.3	12	11	466.7	15	447.6	489	172	156
3	105	8	11	428.6	15	409.5	451	145	129
4	93	8	11	381.0	15	361.9	402	133	117
5	93	8	11	333.3	22.5	314.3	356	133	117
6	124.7	8	11	385.8	22.5	266.7	308	164.7	148.7

S.A.E NO

S.A.E.No	C	D	R	S	T	W	X
1	220.3	204.3	12	12.7	530.2	511.1	553
2	206	190	12	11	466.7	447.6	490
3	206	190	12	11	428.6	409.5	451
4	206	190	12	11	381	361.9	453

TRANSPORTATION DATA&DIMENSION

TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)	A*	B
MYI184E	120	133	84×59×75	431.5	147
MYI184F	150	156	84×59×75	521.5	237
MYI184G	156	172	84×59×75	521.5	237
MYI184H	216	226	85×55×85	654.5	325
MYI184J	226	236	85×55×85	654.5	325

DIMENSION

TYPE	A	B	C	D	E	F
MYI184E	551.5	177	65	228	82	77
MYI184F	641.5	267	65	228	82	77
MYI184G	641.5	267	65	228	82	77
MYI184H	736.5	267	105	271	110	100
MYI184J	736.5	267	105	271	110	100

ADAPTOR

S.A.E.No	R	S	T	U*	V	W	X
1	12	12.7	530.2	15	500	511.17	553
2	12	11	466.7	15	432	447.6	495
3	12	11	428.6	15	396	409.5	451
4	12	11	381.0	15	352	361.9	403
5	8	11	333.3	22.5	301	301	356

TRANSPORTATION DATA

TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI184E	131	141	84×59×75
MYI184F	154	164	84×59×75
MYI184G	170	180	84×59×75
MYI184H	220	230	85×55×85
MYI184J	230	240	85×55×85

All drawings and weight data are just for reference, please contact company if there is any doubt

MYI184

Alternator
BRUSHLESS SYNCHRONOUS AC



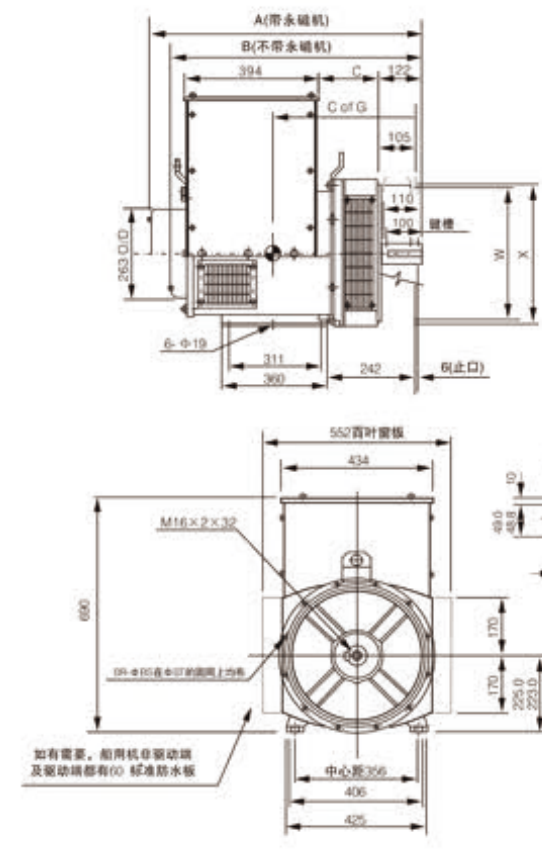
TYPE	MYI184 3 PHASE										MYI184 1 PHASE					
	CLASS H TEMPERATURE-RISE(125℃)										CLASS H TEMPERATURE-RISE(125℃)					
	50Hz(1500RPM)					60Hz(1800RPM)					50Hz(1500RPM)			60Hz(1800RPM)		
VOLTAGE																
STAR-SERIES	380	400	415	440	416	440	460	480	600	220	230	240	220	230	240	
STAR-PARALLEL	190	200	208	220	208	220	230	240	300	110	115	120	110	115	120	
△-SERIES	220	230	240	254	240	254	266	277	346							
MYI184E																
RATED CAPACITY	22.5	22.5	22.5	22.5	27.5	28.8	28.8	30.0	30.0	15.0	15.0	15.0	18.4	18.4	18.4	
RATED POWER	18.0	18.0	18.0	18.0	22.0	23.0	23.0	24.0	24.0	12.0	12.0	12.0	14.7	14.7	14.7	
EFFICIENCY	84.3	84.9	85.3	85.8	83.8	84.3	84.9	85.2	85.6	81.3	81.7	81.9	79.9	80.6	81.1	
INPUT POWER	21.4	21.2	21.1	21.0	26.2	27.1	27.1	28.2	28.0	14.8	14.7	14.6	18.4	18.3	18.1	
MYI184F																
RATED CAPACITY	27.5	27.5	27.5	27.5	32.5	34.4	34.4	35.0	35.0	18.5	18.5	18.5	21.9	21.9	21.9	
RATED POWER	22.0	22.0	22.0	22.0	26.0	27.5	27.5	28.0	28.0	14.8	14.8	14.8	17.5	17.5	17.5	
EFFICIENCY	85.7	86.2	86.5	87.0	85.5	85.9	86.4	86.7	87.0	82.7	83.0	83.3	81.9	81.9	82.8	
INPUT POWER	25.7	25.5	25.4	25.3	30.4	32.0	31.9	32.3	32.2	17.9	17.8	17.8	21.4	21.4	21.2	
MYI184G																
RATED CAPACITY	31.3	31.3	31.3	31.3	35.0	37.5	37.5	37.5	37.5	21.0	21.0	21.0	25.0	25.0	25.0	
RATED POWER	25.0	25.0	25.0	25.0	28.0	30.0	30.0	30.0	30.0	16.8	16.8	16.8	20.0	20.0	20.0	
EFFICIENCY	86.6	87.0	87.3	87.6	86.7	87.0	87.3	87.6	87.8	83.7	83.9	83.9	83.0	83.0	83.8	
INPUT POWER	28.9	28.8	28.7	28.6	32.3	34.5	34.4	34.2	34.2	20.1	20.0	20.0	24.1	24.1	23.9	
MYI184H																
RATED CAPACITY	37.5	37.5	37.5	37.5	44.3	46.9	46.9	49.9	46.8	25.0	25.0	25.0	31.3	31.3	31.3	
RATED POWER	30.0	30.0	30.0	30.0	35.4	37.5	37.5	37.5	37.4	20.0	20.0	20.0	25.0	25.0	25.0	
EFFICIENCY	86.2	86.6	86.9	87.6	85.4	85.3	85.6	85.9	85.9	82.9	82.9	82.9	82.8	82.8	82.8	
INPUT POWER	34.8	34.7	34.6	34.5	41.5	44.0	43.9	43.7	43.7	24.2	24.2	24.2	30.2	30.2	30.2	
MYI184J																
RATED CAPACITY	40.0	42.5	40.0	40.0	47.3	50.0	50.0	50.0	55.0	28.0	28.0	28.0	35.0	35.0	35.0	
RATED POWER	32.0	34.0	34.0	32.0	37.8	40.0	40.0	40.0	44.0	22.4	22.4	22.4	28.0	28.0	28.0	
EFFICIENCY	87.6	86.6	87.1	87.5	85.9	85.8	86.1	86.4	86.4	83.0	83.0	83.0	82.9	83.0	83.0	
INPUT POWER	37.0	39.3	36.7	36.6	44.0	46.7	46.5	46.3	46.3	27.0	27.0	27.0	33.8	33.8	33.8	

Note: • The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sea level
• Extended range voltage can be got from single windings or from 12-leads adjusted
• Other special voltage range can be met by company



MYI224 SINGLE-BEARING

MYI224 DOUBLE-BEARING



MYI224 3-PHASE INDUSTRY ALTERNATORS POWER

DIMENSION

DIMENSION

COUPLING DISCADAPTORTRANSPORTATION DATA

Note:

- The generators have been designed for use in a maximum ambient temperature of 40°C and altitude less than 1000m above sea level
- Extended range voltage can be got from single windings or from 12-leads adjusted
- Other special voltage range can be met by company

TRANSPORTATION DATA

All drawings and weight data are just for reference, please contact company if there is any doubt

MYI274 SINGLE-BEARING

MYI274 DOUBLE-BEARING

REMOVABLE COVERS 可拆卸式机壳

A(带永磁机) WITH P.M.G.
B(不带永磁机) WITHOUT P.M.G.
434
C
AN
C of G 重心尺寸
18 最大値 MAX
170
V
W
X
Y
6-φ24
406 中心距 CRS
360
D
B(止口) SPIGOT
3 片盘式联轴器, 总厚 3.6mm, 轴盘 必须螺栓预紧 24.9kgf.m 即 244N.m 的力矩拧紧
3-PLATE COUPLING TOTAL THICKNESS 3.6mm, HUB SECURING BOLTS TO BE TIGHTENED TO TORQUE OF 24.9 kgfm(244Nm)

A(带永磁机) WITH P.M.G.
B(不带永磁机) WITHOUT P.M.G.
394
151.5
C
C of G 重心尺寸
128
140
130 键槽 KEYWAY
W
X
Y
6-φ24
406 中心距 CRS
466
263
B(止口) SPIGOT
19.926
19.978

608 百叶窗板 Louver
530
774
204
204
210.0
266.0
346
406 中心距 CRS
466
538
AP-φA 通孔分分布子中心距的圆面上 AN-φA (2) (3) (6) (23) (ON-φA) PCD
如有需要, 船用机非圆轴端及轴连接处应有 60° 标准防水板 60° GRP PROOF COUPLERS AT 60° D.E. AND E-FITTED AS STANDARD ON MARINE MACHINES OTHERS IF ORDERED.

M20×2.5 5040
M20×2.5 P*400EEP
B-φ5 在通孔分分布子中心距的圆面上 B-φ5 (1) (2) (3) (6) (23) (ON-φ5) PCD
如有需要, 船用机非圆轴端及轴连接处应有 60° 标准防水板 60° GRP PROOF COUPLERS AT 60° D.E. AND E-FITTED AS STANDARD ON MARINE MACHINES OTHERS IF ORDERED.

608 百叶窗板 Louver
530
774
204
204
210.0
266.0
346
406 中心距 CRS
466
538
B-φ5 在通孔分分布子中心距的圆面上 B-φ5 (1) (2) (3) (6) (23) (ON-φ5) PCD
如有需要, 船用机非圆轴端及轴连接处应有 60° 标准防水板 60° GRP PROOF COUPLERS AT 60° D.E. AND E-FITTED AS STANDARD ON MARINE MACHINES OTHERS IF ORDERED.

轴伸尺寸 DE TAIL OF SHAFT D.E. EXTENSION
12
62.5
62
70.030
70.011

[illegible]

DIMENSION					
TYPE	A	B	CG	C	E
MYI274C	799	736	398	260	554
MYI274D	799	736	422	260	554
MYI274E	914	851	489	375	554
MYI274F	914	851	527	375	554
MYI274G	964	904	579	425	554
MYI274H	1004	941	625	465	554

COUPLING DISC					
S.A.E.No.	AN	AR	AS	AT	V
10	53.98	8	10.3	295.3	314.2
11.5	39.68	8	10.3	333.4	352.3
14	25.4	8	10.3	438.2	466.5

ADAPTOR							
S.A.E.NO.	D	R	S	T	W	X	Y
2	202	12	11	466.7	447.6	490	530
3	202	12	11	428.6	409.5	451	530

TRANSPORTATION DATA			
TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI274C	385	415	126×76×102
MYI274D	405	435	126×76×102
MYI274E	455	485	127×76×102
MYI274F	500	530	128×76×102
MYI274G	550	580	129×76×102
MYI274H	600	630	130×76×102

DIMENSION				
TYPE	A	B	CG	C
MYI274C	905	842	215	420
MYI274D	905	842	215	430
MYI274E	1020	957	330	445
MYI274F	1020	957	330	475
MYI274G	1070	1007	380	490
MYI274H	1110	1047	420	510

ADAPTOR					
S.A.E.No.	R	S	T	W	X
1	12	12.7	530.2	511.17	553
2	12	11	466.7	477.6	489
3	12	11	428.6	409.5	451

TRANSPORTATION DATA			
TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI274C	395	435	125×76×102
MYI274D	420	460	125×76×102
MYI274E	470	510	125×76×102
MYI274F	510	550	125×76×102
MYI274G	560	600	125×76×102
MYI274H	610	650	135×76×102

All drawings and weight data are just for reference, please contact company if there is any doubt

MYI274

Alternator

BRUSHLESS SYNCHRONOUS AC



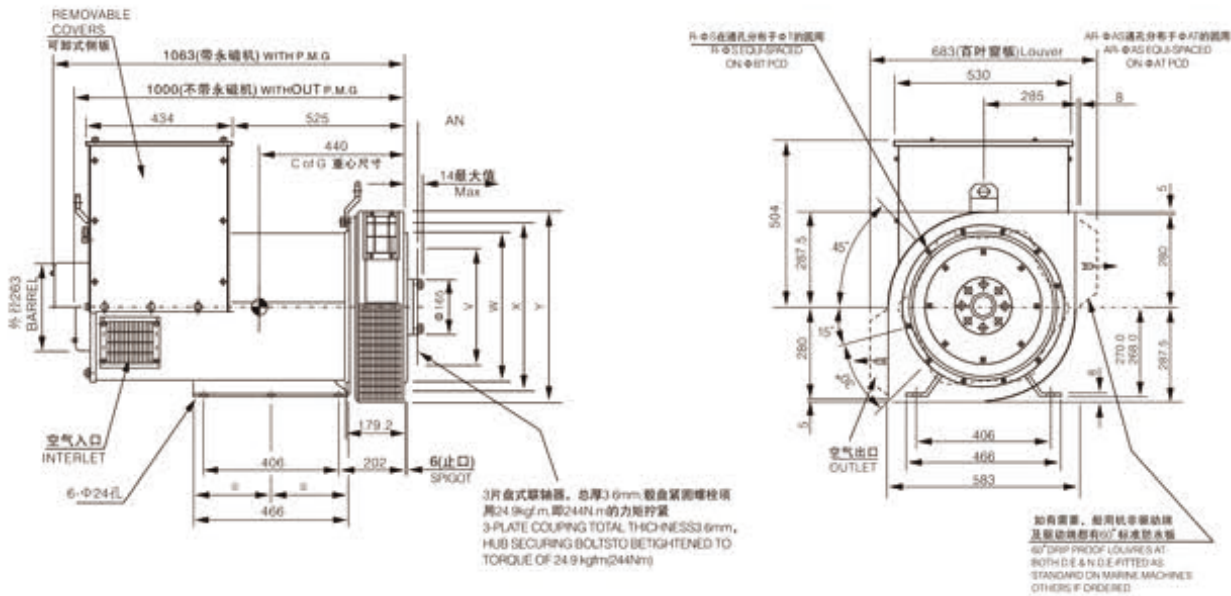
MYI274 3-PHASE INDUSTRY ALTERNATORS POWER

		CLASS H TEMPERATURE-RISE(125℃)				CLASS H TEMPERATURE-RISE(125℃)				
VOLTAGE		50Hz(1500RPM)				60Hz(1800RPM)				
STAR-SERIES		380	400	415	440	416	440	450	460	480
STAR-PARALLEL		190	200	208	220	208	220	225	230	240
Δ-SERIES		220	230	240	254	240	254	260	266	277
MYI274C	RATED CAPACITY	100	100	100	92.5	113	118	118	118	125
	RATED POWER	80	80	80	74	90	94	94	94	100
	EFFICIENCY	89.8	90.4	90.7	91.4	90	90.4	90.7	90.9	91
	INPUT POWER	89.1	88.5	88.2	81	100	104	104	103	110
MYI274D	RATED CAPACITY	114	114	114	109	131	138	138	138	146
	RATED POWER	91	91	91	87	105	110	110	110	117
	EFFICIENCY	90.3	90.8	91	91.6	90.4	90.7	90.9	91.1	91.2
	INPUT POWER	101	100	100	95.2	116	121	121	121	128
MYI274E	RATED CAPACITY	140	140	140	130	160	168	168	168	179
	RATED POWER	112	112	112	104	128	134	134	134	143
	EFFICIENCY	91.3	91.7	92	92.5	91.4	91.7	91.9	92	92.1
	INPUT POWER	123	122	122	112	140	146	146	146	155
MYI274F	RATED CAPACITY	160	160	160	150	181	190	190	190	206
	RATED POWER	128	128	128	120	145	152	152	152	165
	EFFICIENCY	91.9	92.3	92.5	93	92	92.3	92.5	92.6	92.6
	INPUT POWER	139	139	138	129	158	165	164	164	178
MYI274G	RATED CAPACITY	175	175	175	171	200	213	213	213	225
	RATED POWER	140	140	140	137	160	170	170	170	180
	EFFICIENCY	92.2	92.5	92.7	93	92.2	92.4	92.6	92.7	92.8
	INPUT POWER	152	151	151	147	174	184	184	183	194
MYI274H	RATED CAPACITY	200	200	200	190	238	245	245	245	255
	RATED POWER	160	160	160	152	190	196	196	196	204
	EFFICIENCY	93	93.3	92.3	93.8	92.9	93.2	93.4	93.5	93.6
	INPUT POWER	172	171	171	162	205	210	210	210	218

Note: • The generators have been designed for use in a maximum ambient temperature of 40°C, and altitude less than 1000m above sea level
• Extended range voltage can be got from single windings or from 12-leads adjusted
• Other special voltage range can be met by company

MYI274 J/K

MYI274 SINGLE-BEARING



COUPLING DISC

S.A.E.No.	AN	AR	AS	AT	V
11.5	39.68	8	11	333.3	352.35
14	25.4	8	13.5	438.2	466.67

ADAPTOR

S.A.E.No.	R	S	T	W	X	Y
1	10	12.7	530.2	511.1	553	575
2	10	11	466.7	447.6	489	575

TRANSPORTATION DATA

TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI274J	720	760	130×76×102
MYI274K	740	760	130×76×102

All drawings and weight data are just for reference, please contact company if there is any doubt!

MYI274 J/K

Alternator
BRUSHLESS SYNCHRONOUS AC

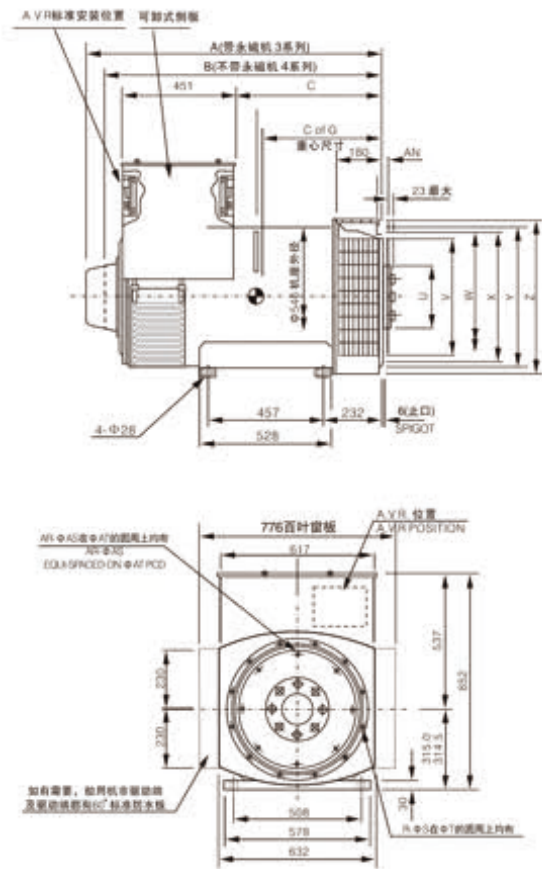


MYI274 3-PHASE INDUSTRY ALTERNATORS POWER

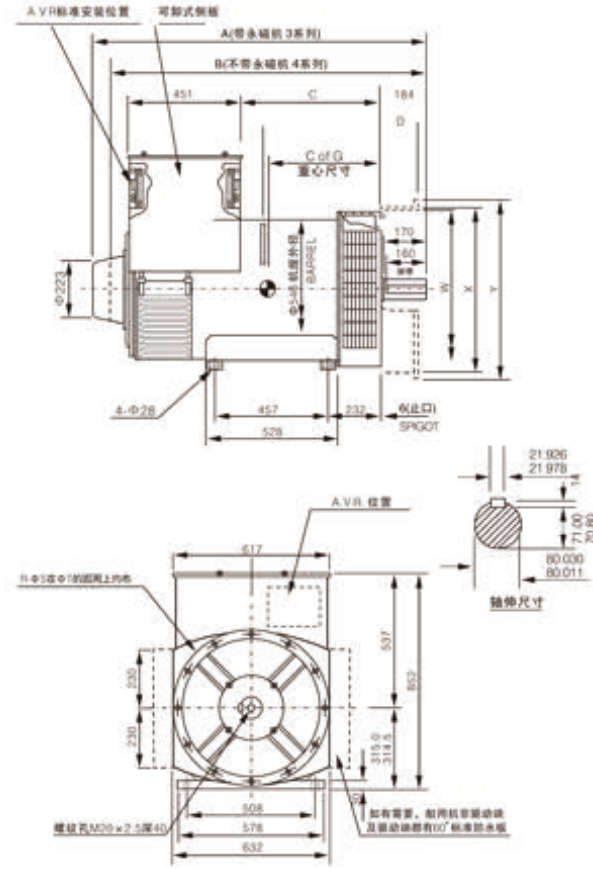
		CLASS H TEMPERATURE-RISE(125℃)			CLASS H TEMPERATURE-RISE(125℃)		
VOLTAGE		50Hz(1500RPM)			60Hz(1800RPM)		
STAR-SERIES		380	400	415	416	440	480
STAR-PARALLEL		190	200	208	208	230	240
Δ-SERIES		220	230	240	240	254	277
MYI274J	RATED CAPACITY	230	230	230	269	281	300
	RATED POWER	184	184	184	215.2	224.8	240
	EFFICIENCY	92.4	92.6	92.6	92.8	92.8	92.8
	INPUT POWER	199.1	198.7	198.7	231.9	242.2	258.6
MYI274K	RATED CAPACITY	250	250	250	291	299	312.5
	RATED POWER	200	200	200	232.8	239.2	250
	EFFICIENCY	92.5	92.8	92.8	92.6	92.7	92.9
	INPUT POWER	216.2	215.7	215.5	251.4	258	269.1

Note: • The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sea level
• Extended range voltage can be got from single windings or from 12-leads adjusted
• Other special voltage range can be met by company

MYI4 SINGLE-BEARING



MYI4 DOUBLE-BEARING



DIMENSION

TYPE	A	B	C	D	CG
MYI4C	1172	1101	584	493	463
MYI4D	1172	1101	584	493	483
MYI4ES	1172	1101	584	493	504
MYI4E	1172	1101	584	493	504
MYI4FS	1262	1191	674	583	530
MYI4F	1262	1191	674	583	530

COUPLING DISC

S.A.E.No.	AB	AR	AS	AT	U	V
11.5	39.68	8	10.3	333.4	250	352.3
14	25.40	8	13.5	438.1	250	466.6
8	15.87	6	16.7	543.0	250	571.1

ADAPTOR

S.A.E.No.	BR	BS	BT	W	X	Y
0	12	14	679.5	626	647.6	711
1/2	12	14	619.1	569	584.1	680
1	12	12.7	530.2	496	511.1	617
2	12	11	466.7	432	447.6	617
3	12	11	428.6	394	409.5	617

TRANSPORTATION DATA

TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI4C	850.5	910	156 × 79 × 107
MYI4D	915.5	975	156 × 79 × 107
MYI4ES	995.5	1055	156 × 79 × 107
MYI4E	995.5	1055	156 × 79 × 107
MYI4FS	1123.5	1183	156 × 79 × 107
MYI4F	1123.5	1183	156 × 79 × 107

DIMENSION

TYPE	A	B	C	D	CG
MYI4C	1326	1255	554	463	433
MYI4D	1326	1255	554	463	453
MYI4ES	1326	1255	554	463	474
MYI4E	1326	1255	554	463	474
MYI4FS	1416	1345	644	553	500
MYI4F	1416	1345	644	553	500

ADAPTOR

S.A.E.No.	BR	BS	BT	W	X	Y	E
0	16	14	679.5	632	647.6	711	150
1/2	12	14	619.1	569	584.1	680	150
1	12	12.7	530.2	496	511.1	553	150
12V 135	12	14	625.0	590	604.9	660	158

TRANSPORTATION DATA

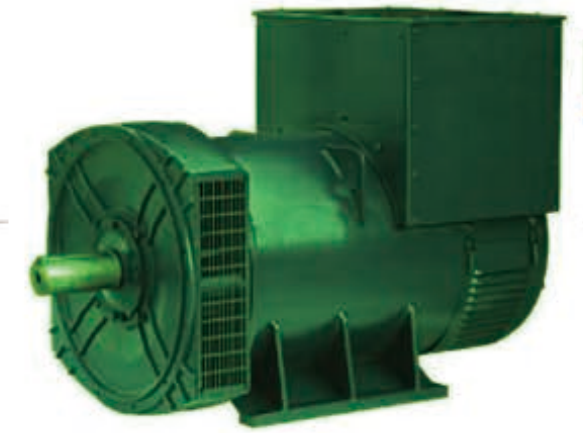
TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI4C	850.5	910	156 × 79 × 107
MYI4D	915.5	975	156 × 79 × 107
MYI4ES	995.5	1055	156 × 79 × 107
MYI4E	995.5	1055	156 × 79 × 107
MYI4FS	1123.5	1183	156 × 79 × 107
MYI4F	1123.5	1183	156 × 79 × 107

All drawings and weight data are just for reference, please contact company if there is any doubt

MYI4

Alternator

BRUSHLESS SYNCHRONOUS AC



MYI4 3-PHASE INDUSTRY ALTERNATORS POWER

		CLASS H TEMPERATURE-RISE(125℃)				CLASS H TEMPERATURE-RISE(125℃)			
		50Hz(1500RPM)				60Hz(1800RPM)			
VOLTAGE									
STAR-SERIES		380	400	415	440	416	440	450	480
STAR-PARALLEL		190	190	190	220	208	220	225	240
Δ-SERIES		220	220	220	254	240	254	260	277
MYI4 C	RATED CAPACITY	250.0	250.0	250.0	250	287.5	300.0	297	300
	RATED POWER	200.0	200.0	200.0	200	230.0	240.0	238	240
	EFFICIENCY	92.5	92.8	93.0	93.1	92.6	92.7	92.5	92.6
	INPUT POWER	216.2	215.5	215.1	215	248.3	258.9	257	259
MYI4 D	RATED CAPACITY	300.0	300.0	300.0	280	343.7	360.0	357	363
	RATED POWER	240.0	240.0	240.0	224	275.0	288.0	285	290
	EFFICIENCY	92.7	93.0	93.2	93.4	92.9	93.0	92.7	92.8
	INPUT POWER	258.9	258.1	257.5	240	296.1	309.7	308	312
MYI4 ES	RATED CAPACITY	325.0	325.0	325.0	325	381.0	394.0	400	406
	RATED POWER	260.0	260.0	260.0	260	305.0	315.2	320	325
	EFFICIENCY	93.6	93.7	93.8	93.8	93.6	93.7	93.3	93.4
	INPUT POWER	279.0	277.5	277.2	277.2	325.9	336.4	343	348
MYI4 E	RATED CAPACITY	350.0	350.0	350.0	325	400.0	420.0	400	406
	RATED POWER	280.0	280.0	280.0	260	320.0	336.0	320	325
	EFFICIENCY	93.2	93.6	93.6	93.8	93.4	93.5	93.3	93.4
	INPUT POWER	300.4	299.1	299.1	277	342.6	359.4	343	348
MYI4 FS	RATED CAPACITY	380.0	380.0	380.0	380	444.0	456.0	460	463
	RATED POWER	304.0	304.0	304.0	304	355.2	365.0	368	370
	EFFICIENCY	93.4	93.8	93.8	93.5	93.5	93.6	93.1	93.3
	INPUT POWER	325.5	324.1	324.1	325	379.9	390.0	395	397
MYI4 F	RATED CAPACITY	400.0	400.0	400.0	380	455.0	480.0	460	463
	RATED POWER	320.0	320.0	320.0	304	364.0	384.0	368	370
	EFFICIENCY	93.2	93.6	93.6	93.5	93.4	93.4	93.1	93.2
	INPUT POWER	343.3	341.9	341.9	325	389.7	411.1	395	397

Note: • The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sea level
• Extended range voltage can be got from single windings or from 12-leads adjusted • Other special voltage range can be met by company



MYI5

Alternator

BRUSHLESS SYNCHRONOUS AC

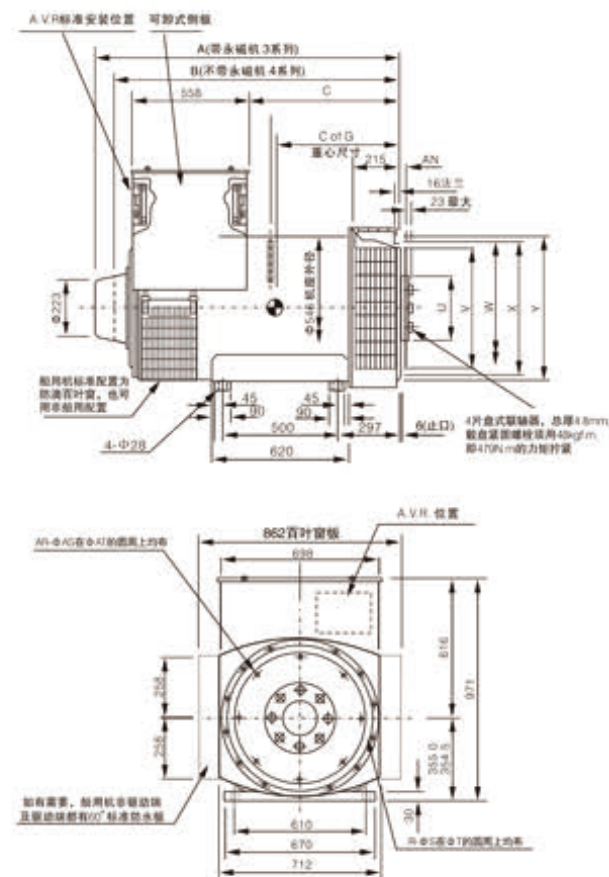
MYI 5 3-PHASE INDUSTRY ALTERNATORS POWER

		CLASS H TEMPERATURE-RISE(125℃)				CLASS H TEMPERATURE-RISE(125℃)				
VOLTAGE		50Hz(1500RPM)				60Hz(1800RPM)				
STAR-SERIES		380	400	415	440	416	440	450	460	480
STAR-PARALLEL		190	200	208	220	208	220	225	230	240
Δ-SERIES		220	230	240	254	240	254	260	266	277
MYI 5 C	RATED CAPACITY	450	450	450	450	525	550	566	581	594
	RATED POWER	360	360	360	360	420	440	452	465	475
	EFFICIENCY	93.8	94.1	94.3	94.6	93.7	93.6	94	94	94.2
	INPUT POWER	384	383	382	381	448	469	482	494	504
MYI 5 D	RATED CAPACITY	500	500	500	500	575	594	610	625	644
	RATED POWER	400	400	400	400	460	475	488	500	515
	EFFICIENCY	94.1	94.4	94.6	94.8	94	94.3	94.4	94.4	94.6
	INPUT POWER	425	424	423	422	489	504	517	530	544
MYI 5 E	RATED CAPACITY	600	600	600	600	681	713	722	731	750
	RATED POWER	480	480	480	480	545	570	578	585	600
	EFFICIENCY	94.5	94.8	94.9	95.1	94.4	94.6	94.7	94.8	94.9
	INPUT POWER	508	507	506	505	577	603	610	617	632
MYI 5 FS	RATED CAPACITY	625	625	625	613	700	725	738	750	775
	RATED POWER	500	500	500	490	560	580	590	600	620
	EFFICIENCY	94.5	94.8	94.9	95.1	94.5	94.7	94.8	94.9	95
	INPUT POWER	529	527	527	515	593	612	622	632	653
MYI 5 F	RATED CAPACITY	670	670	670	650	738	775	788	800	825
	RATED POWER	536	536	536	520	590	620	630	640	660
	EFFICIENCY	94.6	94.6	95	95.3	94.6	94.8	94.9	94.9	95.1
	INPUT POWER	567	565	564	546	624	654	664	674	694

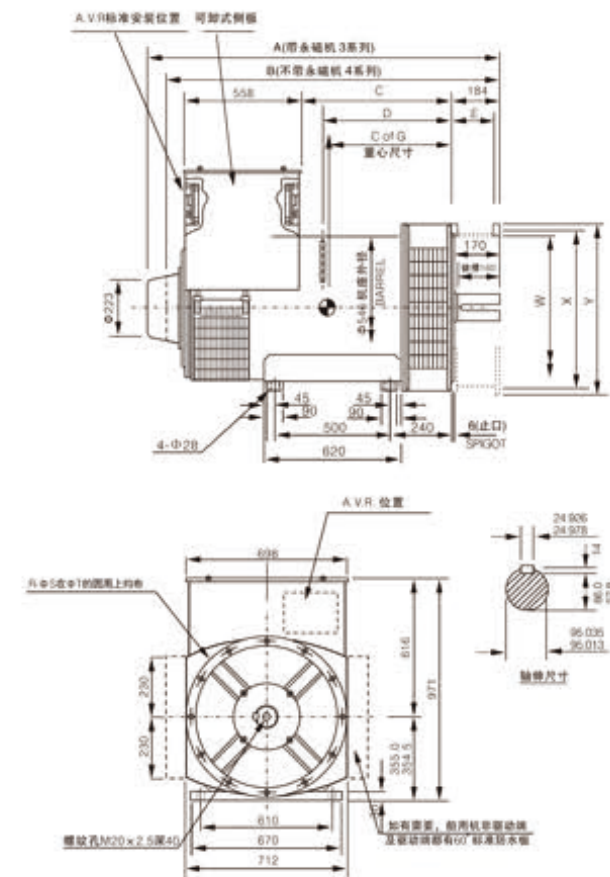
Note: • The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sea level
• Extended range voltage can be got from single windings or from 12-leads adjusted

• Other special voltage range can be met by company

MYI 5 SINGLE-BEARING



MYI 5 DOUBLE-BEARING



DIMENSION

TYPE	A	B	C	D	C of G
MYI 5C	1337	1266	642	568	555
MYI 5D	1337	1266	642	568	575
MYI 5E	1337	1266	642	568	595
MYI 5F	1412	1341	717	643	620

COUPLING DISC

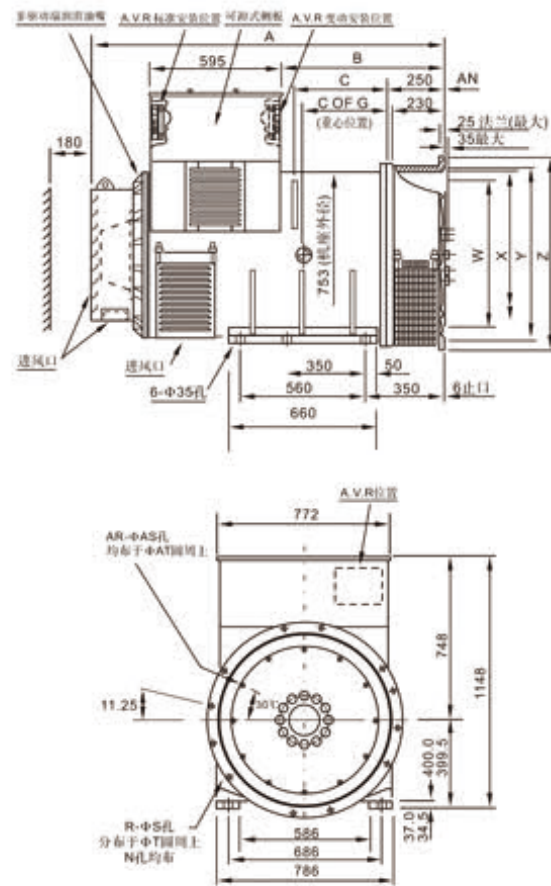
S.A.E.No.	AN	AR	AS	AT	V	U
14	25.40	8	13.5	438.1	250	466.6
18	15.87	6	16.7	543.0	250	571.4
21	0	12	16.7	641.3	250	673.0

ADAPTOR

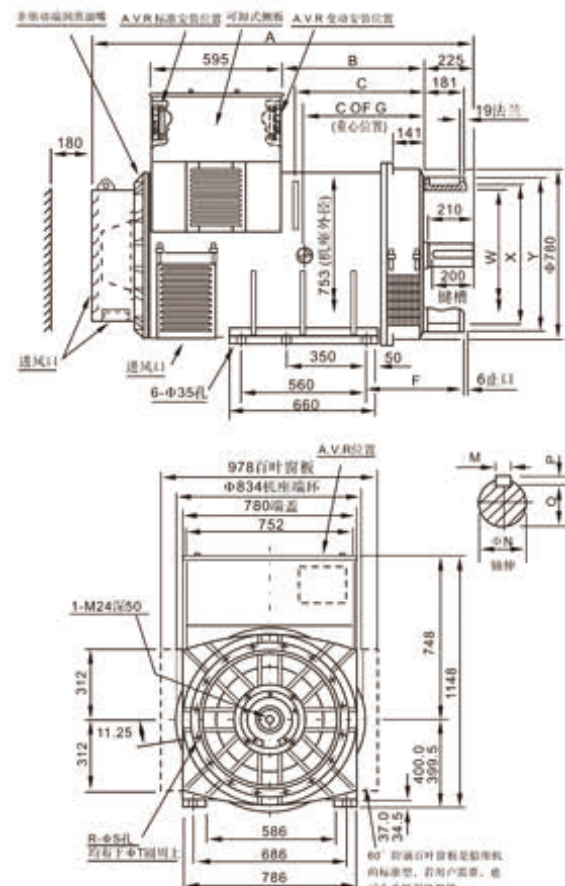
S.A.E.No.	R	S	T	W	X	Y
00	12	14	850.9	772	787.3	882
0	12	14	679.5	632	647.6	711
1/2	12	14	619.5	569	584.1	700
1	12	12.7	530.2	496	511.1	700

TRANSPORTATION DATA

MYI 6 SINGLE-BEARING



MYI 6 DOUBLE-BEARING



TYPE	A	B	C	C of G
MYI 6B	1578	726	405	587
MYI 6C				591
MYI 6D				597
MYI 6E				607
MYI 6F	1679	826	464	625
MYI 6G				735

SAE NO	X	Y	Z	N	R	S	T
SAE00	772	787.3	883	16	16	14	851.0
SAE0	632	647.6	810	16	16	14	679.5
SAE0.5	559	584.1	810	16	16	14	619.1

COUPLING DISC	W	AN	AR	AS	AT
SAE24	733.3	0	12	20.7	692
SAE21	673.02	0	12	16.7	641.3
SAE18	571.42	15.87	6	16.7	543
SAE14	466.64	25.40	8	13.5	438.1

TRANSPORTATION DATA			
TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI 6B	1950	2020	180 × 100 × 145
MYI 6C	1970	2040	180 × 100 × 145
MYI 6D	2030	2100	180 × 100 × 145
MYI 6E	2190	2260	180 × 100 × 145
MYI 6F	2420	2490	180 × 100 × 145
MYI 6G	2750	2820	195 × 100 × 145

TYPE	A	B	C	F	C of G
MYI 6B	1718	640	570	446	587
MYI 6C					591
MYI 6D					597
MYI 6E					607
MYI 6F	1904	826	716	531	625
MYI 6G					753

SAE NO	W	X	Y	R	S	T
SAE00	768	787.3	882	16	14	851.0
SAE0	621	647.6	711	16	14	679.5
SAE0.5	568	584.1	648	12	14	619.1

SHAFT EXTENSION	M	N	O	P
BCDEF	27.978	110.035 110.013	100.0 99.8	16

TRANSPORTATION DATA			
TYPE	N.W (kg)	G.W (kg)	PACKING DIMENSION (cm)
MYI 6B	1960	2030	200 × 105 × 145
MYI 6C	1980	2050	200 × 105 × 145
MYI 6D	2040	2110	200 × 105 × 145
MYI 6E	2210	2280	200 × 105 × 145
MYI 6F	2430	2500	200 × 105 × 145
MYI 6G	2760	2830	220 × 105 × 145

All drawings and weight data are just for reference, please contact company if there is any doubt

MYI6

Alternator

BRUSHLESS SYNCHRONOUS AC



MYI 6 3-PHASE INDUSTRY ALTERNATORS POWER

		CLASS H TEMPERATURE-RISE(125℃)				CLASS H TEMPERATURE-RISE(125℃)			
		50Hz(1500RPM)				60Hz(1800RPM)			
VOLTAGE									
STAR-SERIES		380	400	415	440	416	440	460	480
STAR-PARALLEL		190	200	208	220	208	220	230	240
Δ-SERIES		220	230	240	254	240	254	266	277
MYI 6B	RATED CAPACITY	710	750	750	680	865	855	895	938
	RATED POWER	568	600	600	544	692	684	716	750
	EFFICIENCY	93.2	93.3	93.5	94.1	93.4	93.1	93.2	93.3
	INPUT POWER	609	643	642	578	741	735	768	804
MYI 6C	RATED CAPACITY	760	800	800	725	986	916	958	1000
	RATED POWER	608	640	640	580	789	733	766	800
	EFFICIENCY	93.6	93.7	93.8	94.3	93.3	93.5	93.6	93.7
	INPUT POWER	650	683	682	615	845	784	819	854
MYI 6D	RATED CAPACITY	865	910	910	825	1083	1043	1090	1138
	RATED POWER	692	728	728	660	866	843	872	910
	EFFICIENCY	93.5	93.6	93.8	94.4	94.1	93.4	93.5	93.6
	INPUT POWER	740	778	776	699	921	893	933	973
MYI 6E	RATED CAPACITY	950	1000	1000	910	1204	1145	1197	1250
	RATED POWER	760	800	800	728	963	916	958	1000
	EFFICIENCY	94.2	94.3	94.4	94.8	94.6	94.2	94.3	94.3
	INPUT POWER	807	849	847	768	1018	972	1016	1060
MYI 6F	RATED CAPACITY	1075	1130	1130	1025	1204	1274	1332	1390
	RATED POWER	860	904	904	820	963	1019	1066	1112
	EFFICIENCY	94.6	94.7	94.8	95.2	94.6	94.7	94.7	94.8
	INPUT POWER	909	955	954	862	1018	1076	1125	1173
MYI 6G	RATED CAPACITY	1190	1250	1250	1135	1310	1386	1449	1513
	RATED POWER	952	1000	1000	908	1048	1109	1159	1210
	EFFICIENCY	94.8	94.9	95.0	95.2	94.9	94.9	95.0	95.0
	INPUT POWER	1004	1054	1053	954	1104	1168	1220	1274

Note: • The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sea level
• Extended range voltage can be got from single windings or from 12-leads adjusted
• Other special voltage range can be met by company