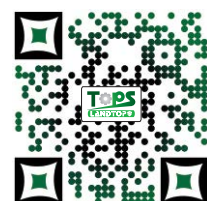


FUZHOU LANDTOP CO.,LTD / 福州龙拓机电设备有限公司
FUJIAN TOPS POWER CO.,LTD / 福建特普斯机电有限公司
FUAN LANDTOP POWER CO.,LTD / 福安市龙拓电机有限公司

Add: No. 6, Jian Road, Qinxiyang Industrial Area, Fuan,
Fujian, China.
Tel/Fax: 0086-591-87553022/87553122
Email: sales@landtop.cn
Web: www.landtop.cn



龙拓机电
ISO9001:2008 CE TUV

LANDTOPS

Professional Manufacturer of Alternator/Generators/Electric Motor



FUZHOU LANDTOP CO.,LTD
FUJIAN TOPS POWER CO.,LTD
FUAN LANDTOP POWER CO., LTD

Technology qualification



Introduction

LANDTOP GROUP is specialized in manufacturing and exporting a wide range of electromechanical products, covering **Alternators, Generators, Electric Motors, Water Pumps** etc.

With years of development, **LANDTOP** has developed into a large-scale, modern, comprehensive and international company. Our sales department is located in Fuzhou City (**FUZHOU LANDTOP CO.,LTD & FUJIAN TOPS POWER CO.,LTD.**), a sea-port city, enjoying convenient transportation network. We also have our own factory in **Fu'an City (FUAN LANDTOP POWER CO.,LTD.)**. Our international center is located in **Hongkong(HONGKONG LANDTOP GROUP LTD.)**. Our group is equipped with a great number of precise assemble lines, integrated testing systems and checkout equipment. We have professional engineers, skilled QC members, experienced salesmen and the best after-sales services. The current annual export production value is over 15 million US dollars.

We are always making great efforts to achieve the integration of manufacture and sale. We are able to meet our customers' demands, providing them with superior quality products. Our products, owing to reasonable price, high efficiency and energy saving performance, are widely praised by clients in over 80 countries and regions, such as Europe, America, Southeast Asia, the Middle East, Africa, etc.

Professional R&D system, standard technology, a skilled QC team and the best management group can offer you firm guarantee. Our group is continuously making arduous efforts on innovation to better serve our customers. We ensure that our cooperation will bring a win-win benefit to both of us.

Company introduction



LANDTOP



Production workshops



Professional Manufacturer of Alternator/Generators/Electric Motor

Catalogue

ALTERNATOR/GENERATOR

ST/STC	01-02
STF164	03-04
STF184	05-06
STF224	07-08
STF274	09-11
PTO	12
STF314	13-14
STF354	15-16

DIESEL GENERATORING SETS

GF1	17
WEIFANG	18
YUCHAI	19
LOVOL	20
DEUTZ	21

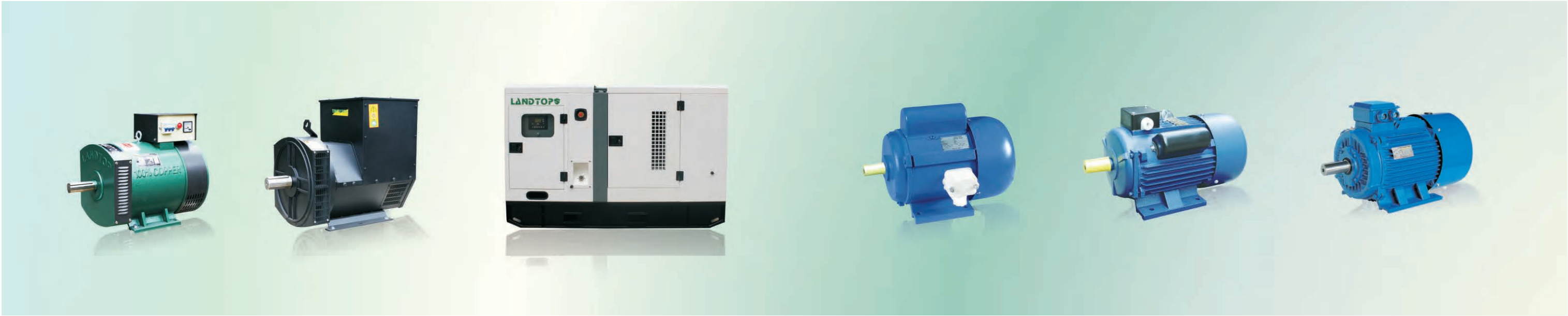
Catalogue

DIESEL GENERATORING SETS

CUMMINS	22
PERKINS	23
ACCESSORIES	24

ELECTRIC MOTOR

JY	25-26
YC/YCL	27-28
MC/MY/ML	29-30
Y /Y2/AEEF/MS	31-34
ANP	35-38
ME	39-40



ST/STCseries

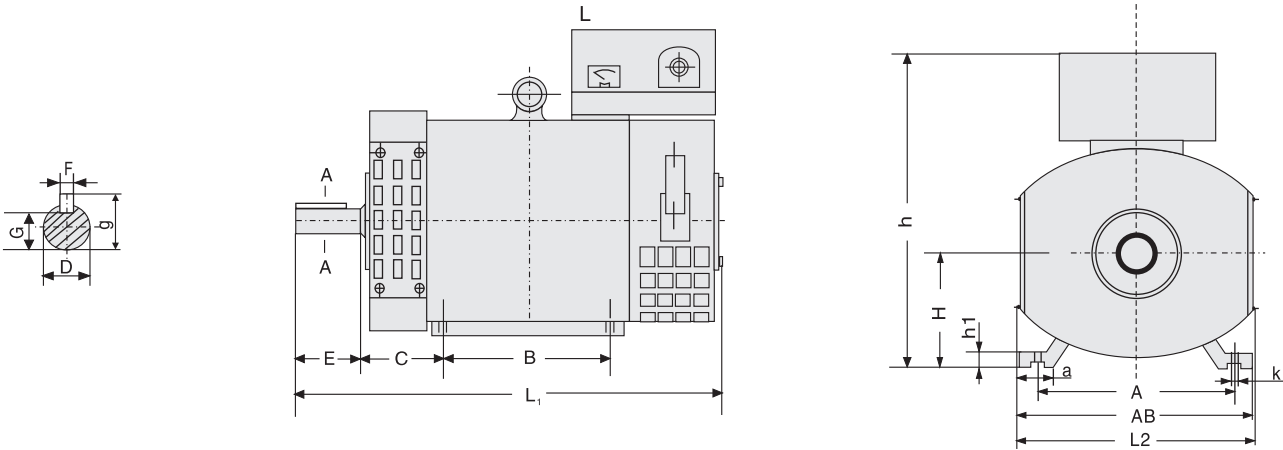
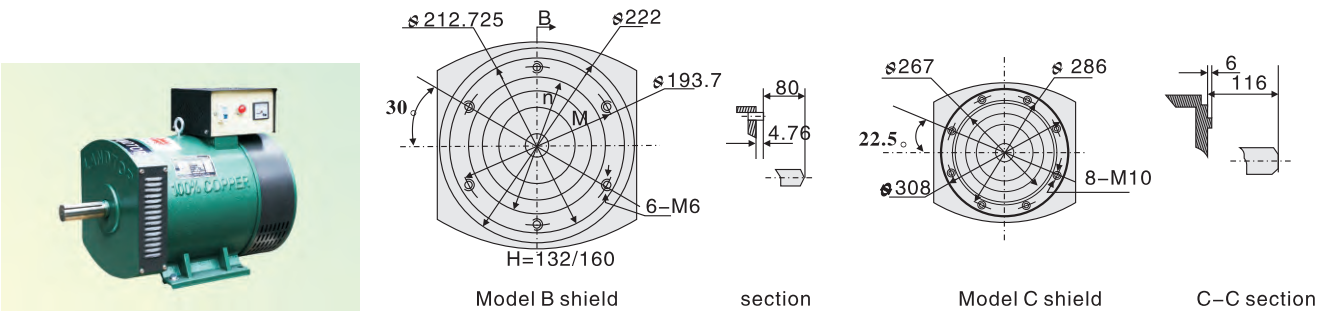
Single/Three Phase Alternator

LANDTOPS



The generators are to be used in town, the countryside, work sites, Mountain and pasture lands as a electric power source for lighting purpose, It can also be used as a reserved power source for emergent case. The generators are of drip-pooof with rotary field type and with the adoption of harmonic excitation system, that allow your easy operation and simple maintenance. The generators are of three-phase four-wire type, making use of atar connection with neutral point. The rated line voltage is 400V. Phase voltage 230V. Frequency 50Hz. power factor 0.8 (lag). It can provide 60Hz and the other voltage's generator according to necessary. They can be coupled with a prime mover directly or through V-belt making right or reverse continuous rotation at the rated speed, when the revolution slip of prime mover is 3% and load varies in the range of 0-100% cosφ 1.0-0.8 they give Food constant voltage. After sudden change (increase or decrease)of load. the generators will soon return to their normal working state, without any starting devices the generator can directly start an unloaded squirrel cage Induction motor.

Overall and mounting dimension



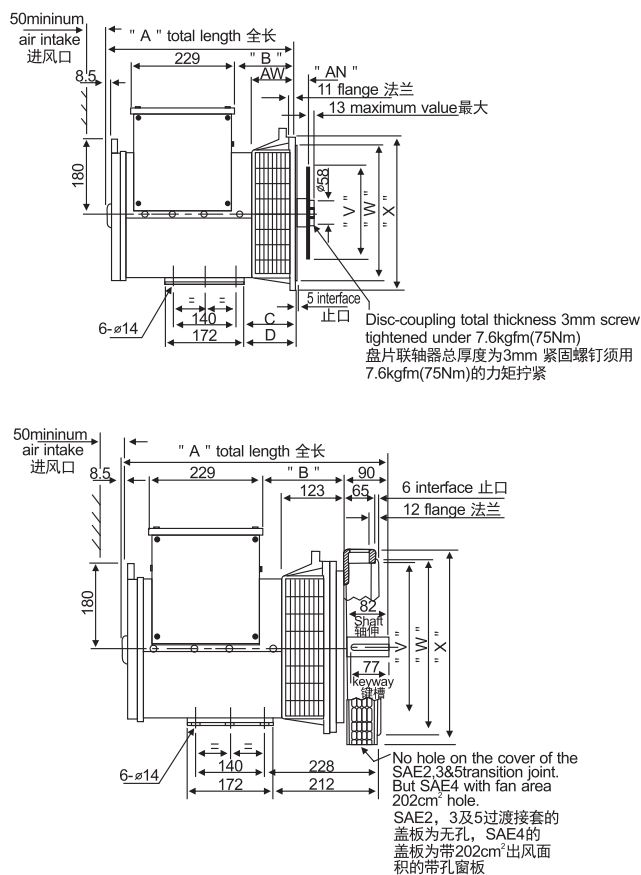
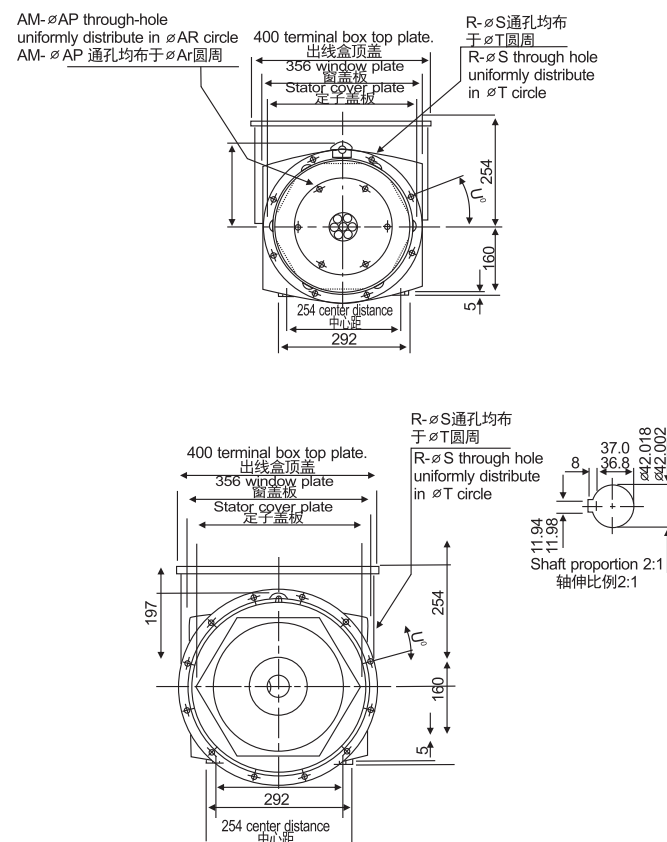
Type	Output kW	Installation Size(mm)										Overall Dimension(mm)							Weight (kg)
		A	B	C	D	E	F	G	H	k	a	b	h1	h	L1	L2	g		
ST/STC-3	3	216	178	89	φ32	80	10	27	132	12	34	250	18	400	480	270	35	56	
ST/STC-5	5	254	254	108	φ38	80	10	33	160	15	50	310	25	455	580	325	41	85	
ST/STC-7.5	7.5	254	254	108	φ38	80	10	33	160	15	50	310	25	455	580	325	41	102	
ST/STC-10	10	279	203	121	φ42	110	12	37	180	15	60	339	25	495	610	365	45	113	
ST/STC-12	12	279	203	121	φ42	110	12	37	180	15	60	339	25	495	610	365	45	125	
ST/STC-15	15	318	228	133	φ48	110	14	42.5	200	19	60	378	30	540	660	400	51.5	160	
ST/STC-20	20	318	228	133	φ48	110	14	42.5	200	19	60	378	30	540	660	400	51.5	178	
ST/STC-24	24	318	286	133	φ48	110	14	42.5	200	19	60	378	30	540	660	400	51.5	178	
ST/STC-30	30	356	286	149	φ60	140	18	53	225	19	65	421	32	610	770	452	64	255	
ST/STC-40	40	356	286	149	φ60	140	18	53	225	19	65	421	32	610	770	452	64	285	
ST/STC-50	50	356	311	149	φ60	140	18	53	225	19	65	421	32	610	810	452	64	329	

Technical data

Type	Output (kW)	Current(A)		Voltage(V)		Freq. (Hz)	Power factor cos φ
		Series connection	Parallel connection	Series connectio	Parallel connection		
ST-2	2	8.7	17.4	230	115	50/60	1.0
ST-3	3	13	26				
ST-5	5	21.8	43.5				
ST-7.5	7.5	32.6	65.2				
ST-10	10	43.7	87				
ST-12	12	52.2	104.4				
ST-15	15	65.2	130.4				
ST-20	20	87	174				
ST-24	24	104	208				

Type	Rated Output (kW)	Rated Capacity (kVA)	Rated Current (A)	Rated Speed (r/min)	Rated Voltage (V)	Freq. (Hz)	Power factor cos φ
STC-3	3	3.8	5.4	1500	400/230	50/60	0.8
STC-5	5	6.3	9	1500			
STC-7.5	7.5	9.4	13.5	1500			
STC-10	10	12.5	18.1	1500			
STC-12	12	15	21.7	1500			
STC-15	15	18.8	27.1	1500			
STC-20	20	25	36.1	1500			
STC-24	24	30	43.3	1500			
STC-30	30	37.5	54.1	1500			
STC-40	40	50	72.2	1500			
STC-50	50	62.5	90.2	1500			

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	Three-phase.H (125℃/40℃)							Single-phase.H (125℃/40℃)					
FREQUENCY	50Hz 1500rpm			60Hz 1800rpm				50Hz 1500rpm			60Hz 1800rpm		
STAR-PARALLEL	380	400	415	416	440	460	480	220	230	240	220	230	240
STAR-PARALLEL	190	200	208	208	220	230	240	110	115	120	110	115	120
DELTA-SERIES	220	230	240	240	254	266	267	N/A	N/A	N/A	N/A	N/A	N/A
STF164A													
RATED CAPACITY(KVA)	8.1	8.1	8.1	9.6	10.2	10.2	10.2	5.4	5.4	5.4	6.4	6.4	6.4
RATED POWER(kW)	6.5	6.5	6.5	7.7	8.2	8.2	8.2	4.3	4.3	4.3	5.1	5.1	5.1
EFFICIENCY%	75.5	76.2	76.6	75.7	75.8	76.4	77.0	69.6	69.6	70.0	69.5	70.1	70.6
STF164B													
RATED CAPACITY(KVA)	11.0	11.0	11.0	13.0	13.8	13.8	13.8	7.4	7.4	7.4	8.8	8.8	8.8
RATED POWER(kW)	8.8	8.8	8.8	10.4	11.0	11.0	11.0	5.9	5.9	5.9	7.0	7.0	7.0
EFFICIENCY%	78.7	79.4	79.8	79.0	79.1	79.7	80.2	73.5	73.8	73.9	73.3	73.9	74.4
STF164C													
RATED CAPACITY(KVA)	13.5	13.5	13.5	16.0	16.9	16.9	16.9	9.0	9.0	9.0	10.8	10.8	10.8
RATED POWER(kW)	10.8	10.8	10.8	12.8	13.5	13.5	13.5	7.2	7.2	7.2	8.6	8.6	8.6
EFFICIENCY%	80.1	80.7	81.1	80.3	80.4	81.0	81.5	75.2	75.5	75.7	75.0	75.6	76.0
STF164D													
RATED CAPACITY(KVA)	16.0	16.0	16.0	18.9	20.0	20.0	20.0	10.8	10.8	10.8	13.5	13.5	13.5
RATED POWER(kW)	12.8	12.8	12.8	15.1	16.0	16.0	16.0	8.6	8.6	8.6	10.8	10.8	10.8
EFFICIENCY%	81.0	81.7	82.1	81.3	81.4	82.0	82.5	76.5	76.7	76.9	76.4	76.9	77.4

DIMENSION		
TYPE	A	B
STF164A	364.5	93
STF164B	364.5	93
STF164C	391.5	107
STF164D	391.5	107

COUPLING DISC					
SAE NO.	AN	AM	AP	AR	V
6.5	30.16	6	8.7	200	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									
SAE 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	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			
TYPE	N.W(kg)	G.W(kg)	PACKAGE SIZE(cm)
STF164A	78	95	50x55x55
STF164B	83	102	50x55x55
STF164C	92	110	50x55x55
STF164D	99	116	50x55x55

DIMENSION		
TYPE	A	B
STF164A	484.5	123
STF164B	484.5	123
STF164C	511.5	137
STF164D	511.5	137

ADAPTOR							
SAE 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	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)	PACKAGE SIZE(cm)
STF164A	91	101	58x55x55
STF164B	98	108	58x55x55
STF164C	106	116	58x55x55
STF164D	112	122	58x55x55

Note: The generators have been designed for use in a maximum ambient temperature of 40°C and altitude less than 1000m above sealevel. Other special voltage range can be met by LANDTOP company

STF184 series

Brushless Synchronous AC Alternators

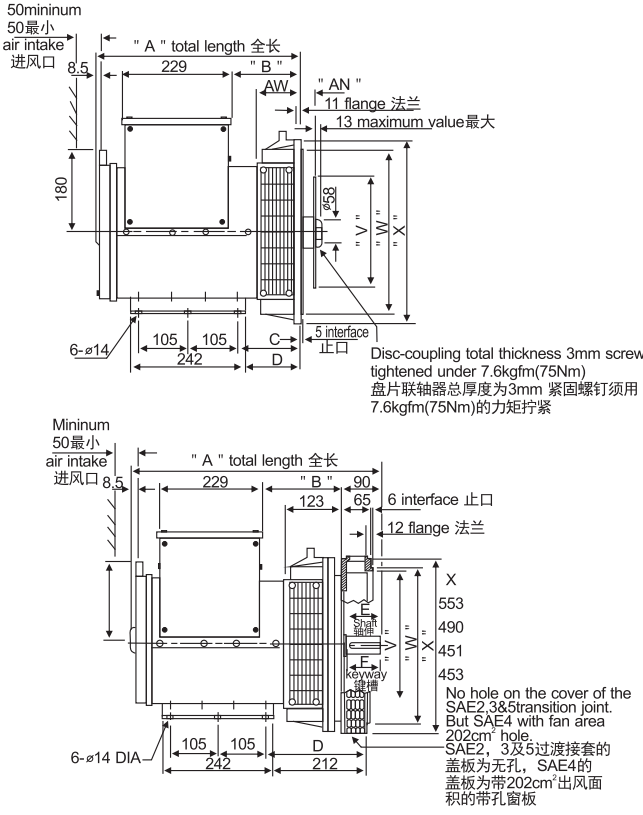
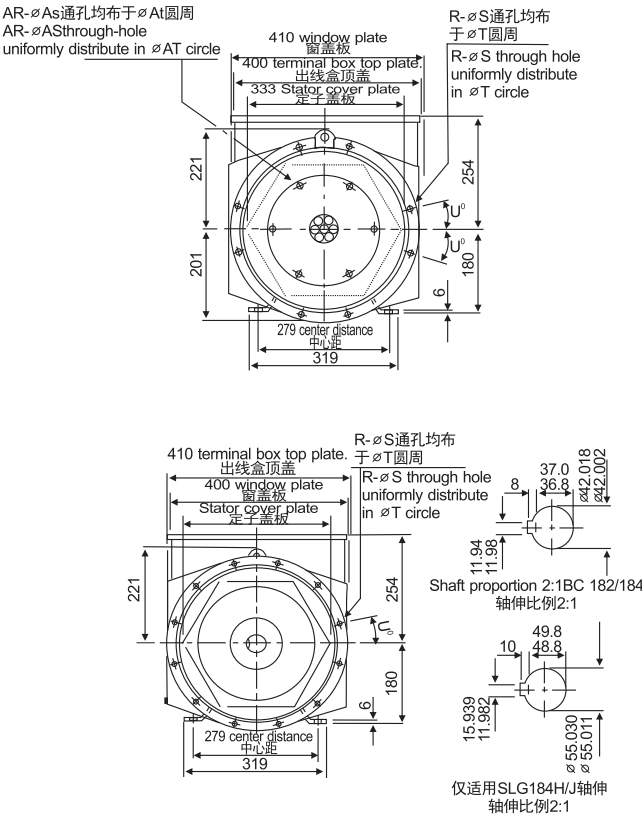
LANDTOP

Voltage : 120V~600V
Rated Capacity : 15~50KVA
Rated Power:12~40KW



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	(125℃) Three-phase Class H temperature rise									(125℃) Single-phase Class H temperature rise					
FREQUENCY	50Hz 1500rpm				60Hz 1800rpm					50Hz 1500rpm			60Hz 1800rpm		
STAR-PARALLEL	380	400	415	440	416	440	460	480	600	220	230	240	220	230	240
STAR-PARALLEL	190	200	208	220	208	220	230	230	300	110	115	120	110	115	120
DELTA-SERIES	220	230	240	254	240	254	266	277	346						
STF184E															
RATED CAPACITY(KVA)	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(kW)	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(kW)	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
	STF184F														
RATED CAPACITY(KVA)	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(kW)	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(kW)	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
STF184G															
RATED CAPACITY(KVA)	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(kW)	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(kW)	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
	STF184H														
RATED CAPACITY(KVA)	37.5	37.5	37.5	37.5	44.3	46.9	46.9	46.9	46.8	25.0	25.0	25.0	31.3	31.3	31.3
RATED POWER(kW)	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	87.2	85.4	85.3	85.6	85.9	85.9	82.9	82.9	82.9	82.8	82.8	82.8
INPUT POWER(kW)	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
STF184J															
RATED CAPACITY(KVA)	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(kW)	32.0	34.0	32.0	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(kW)	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



Single-bearing

DIMENSION		
TYPE	A	B
STF184E	431.5	147
STF184F	521.5	237
STF184G	521.5	237
STF184H	521.5	237
STF184J	521.5	237

COUPLING DISC					
SAE NO.	AN	AR	AS	AT	V
6.5	30.16	6	8.7	200	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									
SAE 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	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			
TYPE	N.W(kg)	G.W(kg)	PACKAGE SIZE(cm)
STF184E	120	130	58x55x55
STF184F	150	160	67x55x55
STF184G	160	172	67x55x55
STF184H	180	200	74x55x55
STF184J	192	215	74x55x55

Double-bearing

DIMENSION						
TYPE	A	B	C	D	E	F
STF184E	551.5	177	65	228	82	77
STF184F	641.5	267	65	228	82	77
STF184G	641.5	267	65	228	82	77
STF184H	641.5	267	105	271	110	100
STF184J	641.5	267	105	271	110	100

ADAPTOR							
SAE 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	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)	PACKAGE SIZE(cm)
STF184E	131	141	67x55x55
STF184F	154	164	77x55x55
STF184G	170	180	77x55x55
STF184H	220	230	84x55x55
STF184J	230	240	84x55x55

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

Note: The generators have been designed for use in a maximum ambient temperature of 40°C and altitude less than 1000m above sealevel. Other special voltage range can be met by LANDTOP company

STF224 series

Brushless Synchronous AC Alternators

LANDTOP

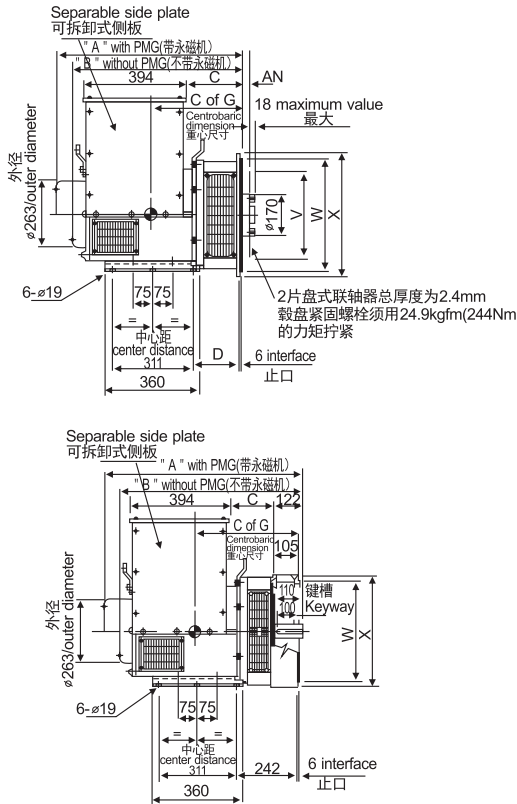
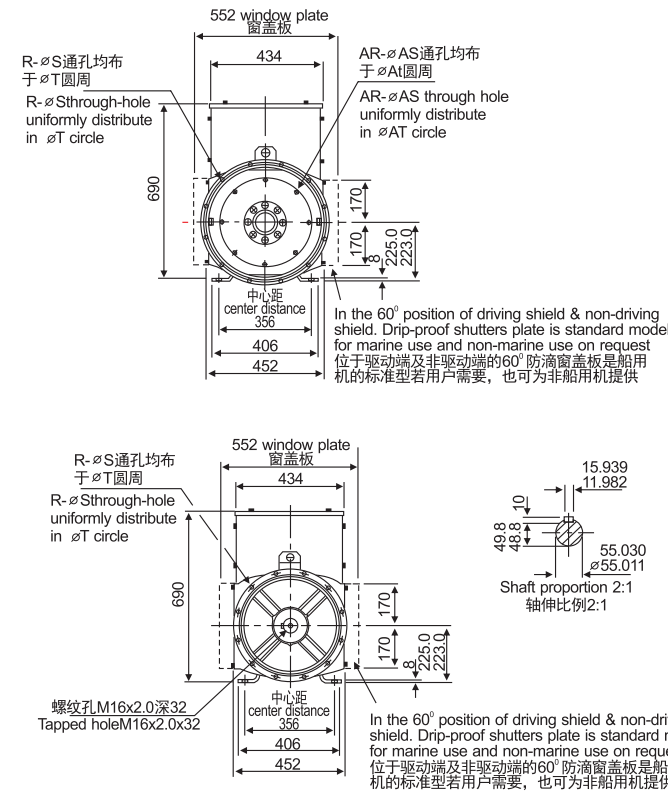
Voltage : 120V~690V
Rated Capacity : 42.5~103.8KVA
Rated Power:34~83KW



Web: www.landtop.cn Email:sales@landtop.cn Mob: 0086-18059007868



Industrial generators															
FREQUENCY		50Hz 1500rpm								60Hz 1800rpm					
PRIME		PRIME40℃		PEAK40℃		PEAK27℃		PRIME40℃		PEAK40℃		PEAK27℃			
AMBIEN TEMP		PRIME125℃		STANDBY150℃		STANDBY163℃		PRIME125℃		STANDBY150℃		STANDBY163℃			
VOLTAGE		380	400	415	380	400	415	380	400	415	380	400	415	380	400
STF224C															
RATED CAPACITY(KVA)		42.5	42.5	42.5	45.0	45.0	45.0	46.8	46.8	46.8	50.0	52.5	55.0	58.1	60.0
RATED POWER(kW)		34.0	34.0	34.0	36.0	36.0	36.0	37.4	37.4	37.4	40.0	42.0	44.0	46.5	48.0
EFFICIENCY%		86.6	87.1	87.4	86.2	86.2	87.1	86.0	86.6	86.9	87.1	87.5	88.1	86.7	87.6
STF224D															
RATED CAPACITY(KVA)		50.0	50.0	50.0	53.0	53.0	53.0	55.0	55.0	55.0	60.0	62.5	65.0	68.8	71.3
RATED POWER(kW)		40.0	40.0	40.0	42.4	42.4	42.4	44.0	44.0	44.0	48.0	50.0	52.0	55.0	57.0
EFFICIENCY%		87.7	88.2	88.5	87.4	87.4	88.2	87.2	87.7	88.0	88.0	88.4	89.0	87.8	88.5
STF224E															
RATED CAPACITY(KVA)		60.0	60.0	60.0	61.0	61.0	61.0	63.0	63.0	63.0	67.5	70.0	75.0	73.8	80.0
RATED POWER(kW)		48.0	48.0	48.0	48.8	48.8	48.8	50.4	50.4	50.4	54.0	56.0	60.0	58.0	64.0
EFFICIENCY%		88.3	88.8	89.1	88.2	88.2	89.0	88.0	88.5	88.8	88.8	89.2	89.6	88.9	89.3
STF224F															
RATED CAPACITY(KVA)		72.5	72.5	72.5	77.0	77.0	77.0	80.0	80.0	80.0	83.8	87.5	93.8	88.8	102.5
RATED POWER(kW)		58.0	58.0	58.0	61.6	61.6	61.6	64.0	64.0	64.0	67.0	70.0	75.0	71.0	82.0
EFFICIENCY%		89.6	89.9	90.1	89.4	89.4	89.9	89.2	89.6	89.8	90.0	90.3	90.6	89.8	90.3
STF224G															
RATED CAPACITY(KVA)		85.0	85.0	85.0	87.5	87.5	87.5	90.8	90.8	90.8	93.8	97.5	103.8	98.1	113.8
RATED POWER(kW)		68.0	68.0	68.0	70.0	70.0	70.0	72.6	72.6	72.6	75.0	78.0	83.0	78.5	91.0
EFFICIENCY%		89.8	90.2	90.4	89.7	89.7	90.3	89.6	89.9	90.1	90.5	90.8	91.0	90.3	90.8



Single-bearing

DIMENSION						
S.A.E. NO .	TYPE	A	B	C	C of G	
SAE1	STF224C	724.3	661.3	224.3	323	
	STF224D	724.3	661.3	224.3	333	
	STF224E	814.3	751.3	314.3	348	
	STF224F	814.3	751.3	314.3	358	
	STF224G	859.3	796.3	359.3	373	
SAE2&3	STF224C	710.0	647.0	210.0	311	
	STF224D	710.0	647.0	210.0	321	
	STF224E	800.0	737.0	300.0	336	
	STF224F	800.0	737.0	300.0	346	
	STF224G	845.0	782.0	345.0	361	
COUPLING DISC						
S.A.E. NO .	AN	AR	AS	AT	V	
8	61.9	6	10.3	244.5	263.4	
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	13.5	438.2	466.5	
ADAPTOR						
SAE NO .	D	R	S	T	W	X
1	191.3	12	12.7	530.2	511.1	533
2	177.0	12	11	466.7	447.6	490
3	177.0	12	11	428.6	409.5	451
4	177.0	12	11	381.0	361.9	453
TRANSPORTATION DATA						
TYPE	N.W(kg)	G.W(kg)	PACKAGE SIZE(cm)			
STF224C	235	255	78x58x78			
STF224D	250	270	78x58x78			
STF224E	270	290	87x58x78			
STF224F	310	330	87x58x78			
STF224G	350	370	93x58x78			

Double-bearing

DIMENSION					
TYPE	A	B	C	D	
STF224C	792	729	170	368	
STF224D	792	729	170	378	
STF224E	882	819	260	393	
STF224F	882	819	260	403	
STF224G	972	864	305	418	
ADAPTOR					
SAE NO.	R	S	T	W	R
1	12	12.7	530.2	511.17	553
2	12	11	466.7	447.6	489
3	12	11	428.6	409.5	451
4	12	11	381.0	361.9	403
5	8	11	333.3	314.3	356
TRANSPORTATION DATA					
TYPE	N.W(kg)	G.W(kg)	PACKAGE SIZE(cm)		
STF224C	250	275	85x58x78		
STF224D	270	295	85x58x78		
STF224E	290	315	94x58x78		
STF224F	320	345	94x58x78		
STF224G	360	385	100x58x78		

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

Note: The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sealevel. Other special voltage range can be met by LANDTOP company

STF274 series

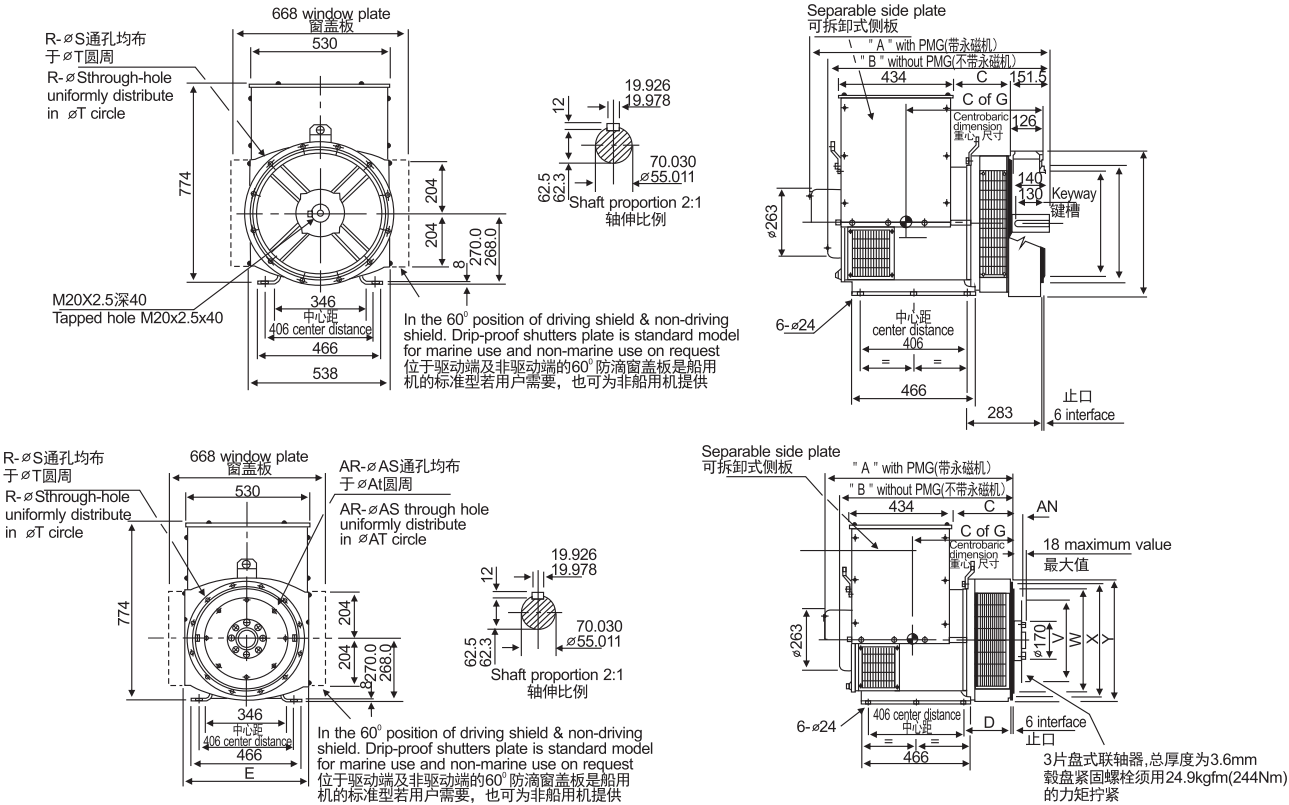
Brushless Synchronous AC Alternators

Voltage : 120V~690V
Rated Capacity : 100~255KVA
Rated Power:80~204KW



Web: www.landtop.cn Email:sales@landtop.cn Mob: 0086-18059007868

	Industrial generators																	
FREQUENCY	50Hz 1500rpm									60Hz 1800rpm								
PRIME	PRIME40℃			PEAK40℃			PEAK27℃			PRIME40℃			PEAK40℃			PEAK27℃		
AMBIEN TEMP	PRIME125℃			STANDBY150℃			STANDBY163℃			PRIME125℃			STANDBY150℃			STANDBY163℃		
VOLTAGE	380	400	415	380	400	415	380	400	415	416	440	480	416	440	480	416	440	480
STF274C																		
RATED CAPACITY(KVA)	100	100	100	106	106	106	110	110	110	112.5	117.5	125	116.3	125.0	132.5	120	127.5	137.5
RATED POWER(kW)	80	80	80	84.8	84.8	84.8	88	88	88	90	94	100	93	100	106	96	102	110
EFFICIENCY%	89.8	90.3	90.6	89.5	90	90.4	89.2	89.8	90.2	90.2	90.6	91.1	90	90.2	90.8	89.8	90.1	90.6
STF274D																		
RATED CAPACITY(KVA)	114	120	114	121	127	121	125	130	125	131.3	137.5	146.3	137.5	145	156.3	142.5	150	158.8
RATED POWER(kW)	91.2	96	91.2	96.8	101.6	96.8	100	104	100	105	110	114	110	116	125	114	120	127
EFFICIENCY%	90.3	90.6	91.1	91.1	91.6	91.8	91	91.4	91.7	90.5	90.8	91.3	91.2	91.5	92	91	91.4	91.9
STF274E																		
RATED CAPACITY(KVA)	140	140	140	145	145	145	150	150	150	160	167.5	178.8	170	175	187.5	175	181.3	193.8
RATED POWER(kW)	112	112	112	116	116	116	120	120	120	128	134	143	136	140	150	140	145	155
EFFICIENCY%	91.3	91.7	92	91.1	91.6	91.8	91	91.4	91.7	91.4	91.7	92.1	91.2	91.5	92	91	91.4	91.9
STF274F																		
RATED CAPACITY(KVA)	160	160	160	170	170	170	175	175	175	181.3	190	206.3	187.5	200	212.5	192.5	206.3	218.8
RATED POWER(kW)	128	128	128	136	136	136	140	140	140	145	152	165	150	160	170	154	165	175
EFFICIENCY%	92	92.3	92.5	91.7	92.1	92.3	91.6	92	92.2	92.1	92.4	92.7	92	92.2	92.6	91.9	92.1	92.5
STF274G																		
RATED CAPACITY(KVA)	182	182	182	187	187	187	200	200	200	205	218.5	231.4	213	228.8	250	218.5	234	253.3
RATED POWER(kW)	145.6	145.6	145.6	149.6	149.6	149.6	160	160	160	164	174.8	185.1	170.4	183	200	174.8	187.2	202.6
EFFICIENCY%	92	92.4	92.6	91.9	92.2	92.5	91.7	92.1	92.3	92.2	92.4	92.7	92	92.2	92.5	91.9	92.1	92.5
STF274H																		
RATED CAPACITY(KVA)	200	200	200	212	212	212	220	220	220	237.5	245	255	250	258.8	275	256.3	265	280
RATED POWER(kW)	160	160	160	169.6	169.6	169.6	176	176	176	190	196	204	200	207	220	205	212	224
EFFICIENCY%	93	93.3	93.4	92.8	93.1	93.3	92.7	93	93.2	93	93.2	93.6	92.8	93.1	93.4	92.7	93	93.3



Single-bearing

DIMENSION						
S.A.E. NO.	TYPE	A	B	C	E	C of G
SAE1	STF274C	813.3	750.3	274.3	554	365
	STF274D	813.3	750.3	274.3	554	375
	STF274E	928.3	865.3	389.3	554	390
	STF274F	928.3	865.3	389.3	554	415
	STF274G	978.3	915.3	439.3	554	435
SAE2&3	STF274H	1018.3	955.3	479.3	554	455
	STF274C	799	736	260	554	398
	STF274D	799	736	260	554	422
	STF274E	914	851	375	554	489
	STF274F	914	851	375	554	527
	STF274G	964	904	425	554	579
	STF274H	1004	941	465	554	625

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	13.5	438.2	466.5

ADAPTOR							
SAE NO .	D	R	S	T	W	X	Y
1	216.3	12	12.7	530.2	511.1	533	580
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)	PACKAGE SIZE(cm)
STF274C	385	415	87x65x87
STF274D	405	435	87x65x87
STF274E	455	485	98x65x87
STF274F	500	530	98x65x87
STF274G	550	580	102x65x87
STF274H	600	630	105x65x87

Double-bearing

DIMENSION				
TYPE	A	B	C	C of G
STF274C	905	842	215	420
STF274D	905	842	215	430
STF274E	1020	957	330	445
STF274F	1020	957	330	475
STF274G	1070	1007	380	490
STF274H	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	447.6	489
3	12	11	428.6	409.5	451

TRANSPORTATION DATA			
TYPE	N.W(kg)	G.W(kg)	PACKAGE SIZE(cm)
STF274C	395	435	93x65x87
STF274D	420	460	93x65x87
STF274E	470	510	105x65x87
STF274F	510	550	105x65x87
STF274G	560	600	108x65x87
STF274H	610	650	111x65x87

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

Note: The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sea level. Other special voltage range can be met by LANDTOP company

STF274 series

Brushless Synchronous AC Alternators

Voltage : 120V~690V
Rated Capacity : 230~275KVA
Rated Power:184~220KW



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Industrial generators																		
FREQUENCY	50Hz 1500rpm									60Hz 1800rpm								
PRIME	PRIME40℃			PEAK40℃			PEAK27℃			PRIME40℃			PEAK40℃			PEAK27℃		
AMBIEN TEMP	PRIME125℃			STANDBY150℃			STANDBY163℃			PRIME125℃			STANDBY150℃			STANDBY163℃		
VOLTAGE	380	400	415	380	400	415	380	400	415	416	440	480	416	440	480	416	440	480
STF274J																		
RATED CAPACITY(KVA)	230	230	230	250	250	250	260	260	260	269	281	300	288	300	319	294	306	325
RATED POWER(kw)	184	184	184	200	200	200	208	208	208	215.2	224.8	240	230.4	240	255.2	235.2	244.8	260
EFFICIENCY%	92.4	92.6	92.6	92.1	92.2	92.3	91.8	92.0	92.1	92.8	92.8	92.8	92.5	92.5	92.5	92.4	92.4	92.4
STF274K																		
RATED CAPACITY(KVA)	250	250	250	265	265	265	275	275	275	291	299	312.5	304	312.5	331.3	312	320	343.8
RATED POWER(kw)	200	200	200	212	212	212	220	220	220	232.8	239.2	250	243.2	250	265	249.6	256	275
EFFICIENCY%	92.5	92.7	92.8	92.2	92.4	92.6	92.0	92.2	92.4	92.6	92.7	92.9	92.4	92.6	92.7	92.2	92.4	92.5

Single-bearing

COUPLING DISC					
S.A.E. NO.	AN	AR	AS	AT	V
11.5	39.68	8	11.0	333.3	352.35
14	25.4	8	13.5	438.2	466.67

TRANSPORTATION DATA			
TYPE	N.W(kg)	G.W(kg)	PACKAGE SIZE(cm)
STF274J	720	760	115x65x87
STF274K	740	760	115x65x87

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

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

Note: The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sealevel. Other special voltage range can be met by LANDTOP company

PTO series

Tractor Driven Generator



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

TRACTOR DRIVEN GENERATOR

LARGE CAPACITY EMRGNCY ELECTRICITY SUPPLY UP TO 120KW

Large capacity, 120kW;3 phase and single phase 50 hertz
3 pointed linkage mounted
540 rpm, PTO input, 1.38" splined shaft
Wired ready to go with 5 pin 3 phase 140amp plug and 3 pin single phase plug

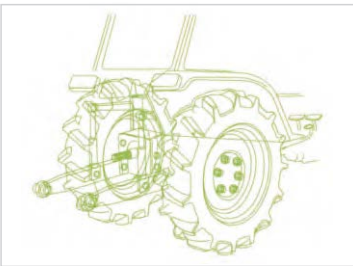
Voltmeter, Hertzmetter, Ampmeter
12 months warranty
HP required up to 140(105 kilowatts) depending on load

Specifications

KFG Brushless
Brushless 20,000 hours between servicing
Meets leading quality standards, class H raw materials
Meets demands of Telecom and Internet
Max Amperage 140A

Gearbox

Ratio 2. 77-1 giving an alternator speed of 1500 RPM@540 RPM
Helical cut gears hardened, oil immersed ensuring trouble free operation
Quiet operation
GT. 3 ALTERNATOR POWER RANGE:15-50kW
GT. 4 ALTERNATOR POWER RANGE:64-120kW



STF314 series

Brushless Synchronous AC Alternators

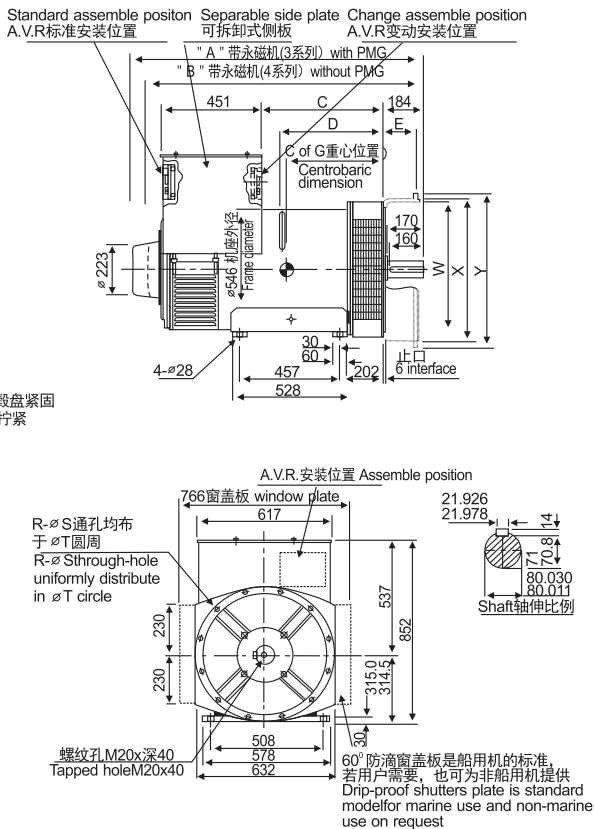
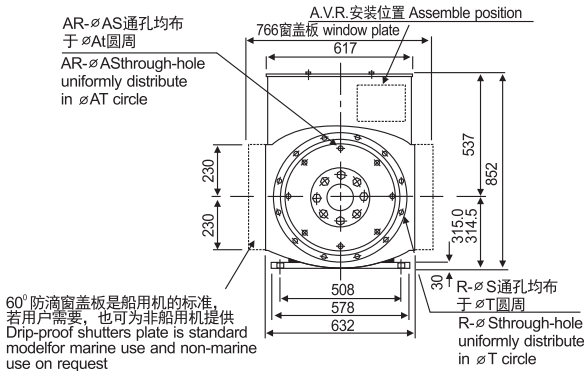
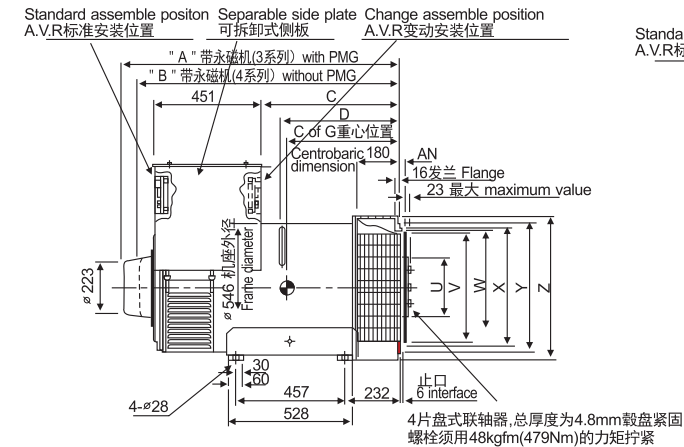
LANDTOP

Voltage : 120V~690V
Rated Capacity : 250~475KVA
Rated Power:200~380KW



Web: www.landtop.cn Email:sales@landtop.cn Mob: 0086-18059007868

Industrial generators																
FREQUENCY		50Hz 1500rpm							60Hz 1800rpm							
PRIME		PRIME40℃		PEAK40℃		PEAK27℃			PRIME40℃		PEAK40℃		PEAK27℃			
AMBIEN TEMP		PRIME125℃		STANDBY150℃		STANDBY163℃			PRIME125℃		STANDBY150℃		STANDBY163℃			
VOLTAGE		380	400	415	380	400	415	380	400	415	416	440	480	416	440	480
STF314C																
RATED CAPACITY(KVA)		250	250	250	270	270	270	275	275	275	287.5	300	315	300	320	335
RATED POWER(kW)		200	200	200	216	216	216	220	220	220	230	240	252	240	256	268
EFFICIENCY%		92.5	92.8	93	92	92.3	92.6	91.8	92.2	92.5	92.6	92.7	93	92.3	92.3	92.7
STF314D																
RATED CAPACITY(KVA)		300	300	300	320	320	320	330	330	330	343.7	360	375	365	385	400
RATED POWER(kW)		240	240	240	256	256	256	264	264	264	275	288	300	292	308	320
EFFICIENCY%		92.7	93	93.2	92.3	92.7	92.9	92.1	92.5	92.7	92.9	93	93.3	92.5	92.6	93
STF314ES																
RATED CAPACITY(KVA)		325	325	325	345	345	345	358	358	358	381	394	419	406	419	444
RATED POWER(kW)		260	260	260	276	276	276	286	286	286	305	315.2	335.2	325	335	355
EFFICIENCY%		93.6	93.7	93.8	92.7	93	93.2	92.7	93	93.2	93.6	93.7	93.8	93.2	93.2	93.3
STF314E																
RATED CAPACITY(KVA)		350	350	350	370	370	370	380	400	380	400	420	440	420	445	460
RATED POWER(kW)		280	280	280	296	296	296	304	320	304	320	336	352	336	356	368
EFFICIENCY%		93.2	93.5	93.6	93.2	93.5	93.6	92.7	92.7	93.2	93.4	93.5	93.7	93.4	93.5	93.7
STF314FS																
RATED CAPACITY(KVA)		380	380	380	390	390	390	404	404	404	444	456	475	475	483	500
RATED POWER(kW)		304	304	304	312	312	312	323	323	323	355.2	365	380	380	386	400
EFFICIENCY%		93.4	93.7	93.8	93.1	93.2	93.5	93.2	93.6	93.6	93.5	93.6	93.9	93.1	93.3	93.4
STF314F																
RATED CAPACITY(KVA)		400	400	400	415	430	430	425	450	440	455	480	500	485	515	535
RATED POWER(kW)		320	320	320	332	344	344	340	360	352	364	384	400	388	412	428
EFFICIENCY%		93.2	93.4	93.6	92.9	93	93.2	92.8	92.8	93.1	93.4	93.4	93.7	93.1	93.1	93.4



Single-bearing

DIMENSION					
TYPE	A	B	C	D	C of G
STF314C	1172	1101	584	493	463
STF314D	1172	1101	584	493	483
STF314ES	1172	1101	584	493	504
STF314E	1172	1101	584	493	504
STF314FS	1262	1191	674	583	530
STF314F	1262	1191	674	583	530

COUPLING DISC						
S.A.E. NO.	AN	AR	AS	AT	V	U
11.5	39.68	8	10.3	333.4	352.3	250
14	25.4	8	13.5	438.1	466.6	250
18	15.87	6	16.7	543	571.1	250

ADAPTOR						
S.A.E. NO.	R	S	T	W	X	Y
0	12	14	679.5	626	647.6	711
0/1	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)	PACKAGE SIZE(cm)
STF314C	850	910	125x75x99
STF314D	915.5	910	125x75x99
STF314ES	995.5	1055	125x75x99
STF314E	995.5	1055	125x75x99
STF314FS	1123.5	1183	135x75x99
STF314F	1123.5	1183	135x75x99

Double-bearing

DIMENSION					
TYPE	A	B	C	D	C of G
STF314C	1326	1255	554	463	433
STF314D	1326	1255	554	463	453
STF314ES	1326	1255	554	463	474
STF314E	1326	1255	554	463	474
STF314FS	1416	1345	644	553	500
STF314F	1416	1345	644	553	500

ADAPTOR							
S.A.E. NO.	R	S	T	W	X	Y	E
0	16	14	679.5	632	647.6	711	150
0/2	12	14	619.1	569	584.1	648	150
1	12	12.7	530.2	496	511.1	553	150
12V135	12	14	625	590	604.9	660	158

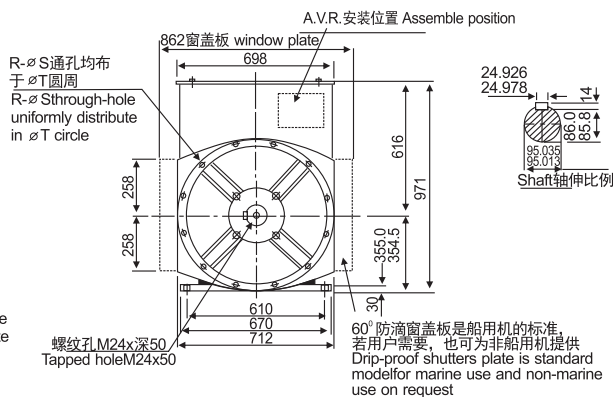
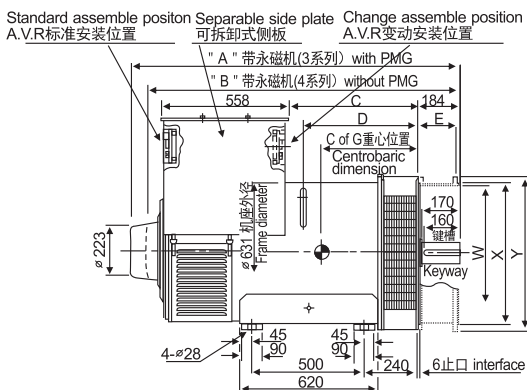
TRANSPORTATION DATA			
TYPE	N.W(kg)	G.W(kg)	PACKAGE SIZE(cm)
STF314C	850.5	910	135x75x99
STF314D	915.5	975	135x75x99
STF314ES	995.5	1055	135x75x99
STF314E	995.5	1055	135x75x99
STF314FS	1123.5	1183	145x75x99
STF314F	1123.5	1183	145x75x99

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

Note: The generators have been designed for use in a maximum ambient temperature of 40℃ and altitude less than 1000m above sealevel. Other special voltage range can be met by LANDTOP company

LANDTOPS

A large, white, industrial-grade motor with a cooling fan and a terminal box, mounted on a base. The motor is shown from a three-quarter perspective, highlighting its cylindrical body, the large cooling fan at the front, and the rectangular terminal box on top. The base is a simple metal frame with four mounting feet. The background is a plain, light-colored surface.



Single-bearing

Double-bearing

COUPLING DISC						
S.A.E. NO .	AN	AR	AS	AT	V	U
14	25.4	8	13.5	438.1	466.6	250
18	15.87	6	16.7	543	571.1	250
21	0	12	16.7	641.3	673	250

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	619.1	568	584.1	700
1	12	12.7	530.2	496	511.1	700

ADAPTOR						
S.A.E. NO .	R	S	T	W	Y	E
00	16	14	850.9	772	882	170
0	16	14	679.5	632	711	170
1/2	12	14	619.1	569	648	150
1	12	12.7	530.2	496	553	170
12V150	12	14.5	625	589	660	162

TRANSPORTATION DATA			
TYPE	N.W(kg)	G.W(kg)	PACKAGE SIZE(cm)
STF354C	1250	1350	155x85x116
STF354D	1358	1450	155x85x116
STF354E	1498	1598	155x85x116
STF354FS	1653	1753	162x85x116
STF354F	1653	1753	162x85x116

Note: The generators have been designed for use in a maximum ambient temperature of 40°C and altitude less than 1000m above sealevel. Other special voltage range can be met by LANDTOP company

GF1 series

Diesel Generating Set



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Brief introduction

THE FORMATION INSTRUCTIONS OF DIESEL GENERATING SETS

- 1)3-24KW series of ordinary diesel generating sets have been provided with high quality water-cooled(condenser)diesel engine, those engine can work well in every kinds of conditions.
- 2) The structure of generating sets, the engine has been coupled with alternator through v-belt or coupled directly with alternator, both of them have been installed on the basis of anti-shock pad, The gen-sets has been fixed on the frame of shock pipes which has four wheels.
- 3)Other features It's easy to operate and maintain, control panel, capacitor type, voltage regulator, no-fuse circuit breaker, over-current protection, wheels type design, double-shaft balance design, electric starting.

OTHER MAIN PERFORMANCE

- 1) Voltage stead-state regulation $\pm 1\%$ fluctuation ratio 1.5% transient-state regulation -15~20% stead time 5s Frequency stead-state regulation 5% fluctuation ratio 1.5%Transient-regulation $\pm 10\%$ stead time 5s
- 2)The noise of gen-sets should be no more than 85db(a). The fuel consumption of gen-sets should be no more than 2.5Kg/Kw.h.

Technical data

Type	Power (KW/KVA)	Current(A)	Alternator (KW)	Diesel engine Type	Fuel Consumption (g/kw.h)	Diesel engine power (KW)	Install size (MM)
GF1-3KW	3/3.75	5.4	STC3	R170	270	3.55	900X600X700
GF1-5KW	5/6.25	9	STC5	R185	250	6.75	1000X650X700
GF1-8KW	8/10	14.4	STC8	ZS195	250	10.12	115X700X800
GF1-10KW	10/12.5	18	STC10	ZS1100	250	12.1	1200X750X900
GF1-12KW	12/15	21.7	STC12	ZS1105	250	13.2	1200X750X900
GF1-15KW	15/18.75	27.1	STC15	ZS1115	250	16.5	1200X800X900
GF1-20KW	20/25	36.1	STC20	L30	250	22.06	1200X800X900
GF1-24KW	24/30	43.2	STC24	L33	250	24.3	1200X800X900

WEIFANG series

Diesel Generating Set



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Brief introduction

Shangdong weifang is one of the earliest manufacturers producing the diesel engine, its main dominant products: K series, R series, Steyr series, the models introduced technology introduced from Ricardo LANDTOP , their power range is up to 24-347KW. It is the ideal power for supporting the medium and small generating sets, with the visual advantages like low oil consumption, easy start, large power, low discharge, convenient operation and maintenance, etc.

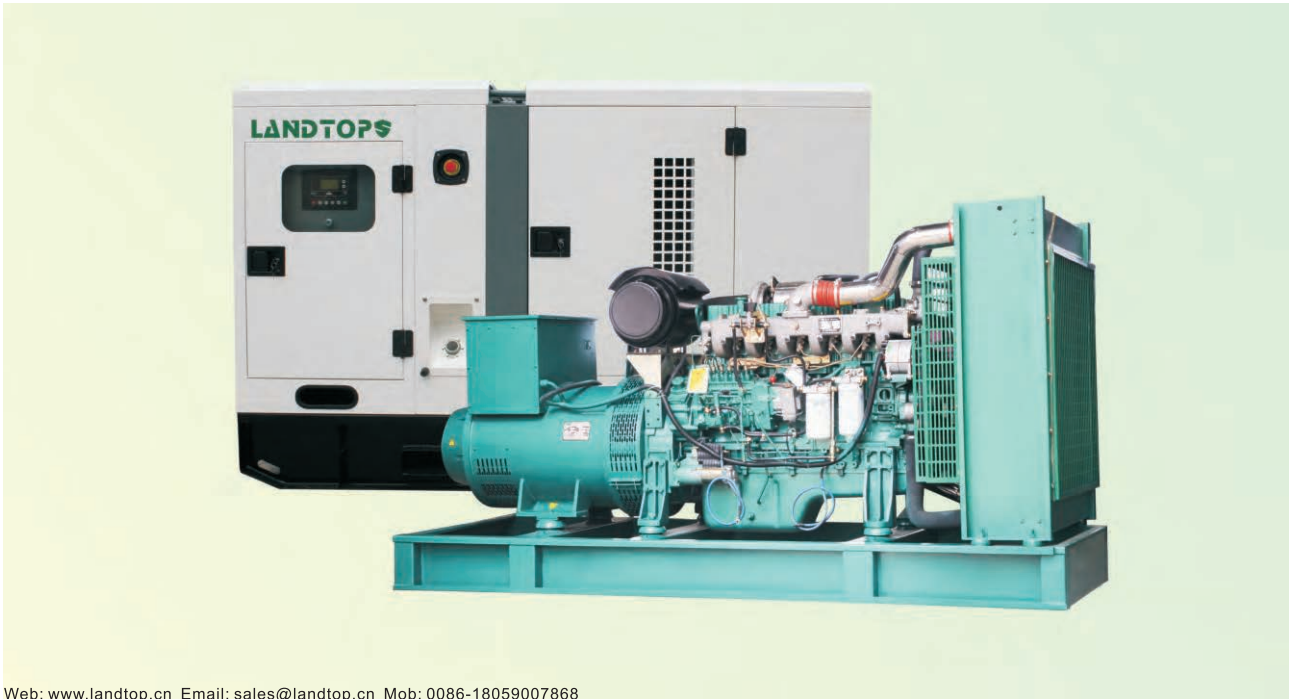
Technical data

Type	Power (KW/KVA)	Current (A)	Alternator (KW)	Diesel engine Type	Fuel Consumption (g/kw.h)	Diesel engine power (KW)	Install size(MM)
LTP-W 10KW	10/12.5	18	STF-10KW	Y480BD	250	14	1150X700X1100
LTP-W 13KW	13/16.3	23.5	STF-13KW	Y485BD	250	17	1150X700X1100
LTP-W 18KW	18/22.5	32.5	STF-18KW	495DS	250	26.5	1150X700X1100
LTP-W 20KW	20/25	36.1	STF-20KW	K4100D	250	30.1	1650X750X1200
LTP-W 24KW	24/30	43.2	STF-24KW	K4100D	250	30.1	1650X750X1200
LTP-W 30KW	30/37.5	54	STF-30KW	K4100ZD	220	42	1700X750X1200
LTP-W 40KW	40/50	72	STF-40KW	4105ZD	220	56	1800X850X1400
LTP-W 50KW	50/62.5	90.1	STF-50KW	4105ZD	220	56	1800X850X1400
LTP-W 75KW	75/93.75	135	STF-75KW	R6105ZD	220	84	2350X900X1500
LTP-W 100KW	100/125	180	STF-100KW	R6105AZLD	220	121	2350X900X1500
LTP-W 120KW	120/150	217	STF-120KW	R6105IZLD	220	132	2400X900X1500
LTP-W 150KW	150/187.5	271	STF-150KW	R6110ZLD	220	170	2500X900X1500
LTP-W 200KW	200/250	360	STF-200KW	6126-42D	220	231	3300X1200X1600
LTP-W 240KW	240/300	432	STF-240KW	WT12D-260	220	260	3400X1200X1600
LTP-W 260KW	260/325	468	STF-260KW	WT12D-308	220	288	3400X1200X1600
LTP-W 300KW	300/375	540	STF-300KW	WT13D-360	220	347	3500X1200X1600

YUCHAI

series

Diesel Generating Set



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Brief introduction

Yuchai Machinery Co.,Ltd. is the domestic largest specialized manufacturer of diesel engines, its product quality and class presents the place of international brand, the supporting LANDTOP series generating sets have the advantages of compact structure, large power margin, stable operation, perfect speed regulation, low discharge and high reliability, etc.,the period of overhaul of engine can exceed 10,000h, they always obtain unanimous approval.

Technical data

Type	Power (KW)	Current (A)	Alternator (KW)	Oil engine	Fuel Consumption (g/kw.h)	Oil engine Power (KW)	Installation size (MM)
LTP-Y 40KW	40/50	72	STF40KW	YC4D60-D21	195	44	1900X700X1300
LTP-Y 50KW	50/62.5	90	STF50KW	YC4D85Z-D20	195	60.5	1900X700X1300
LTP-Y 64KW	64/80	115.2	STF64KW	YC6B100-D20	195	73.5	2300X800X1300
LTP-Y 80KW	80/100	144	STF80KW	YC6B135Z-D20	195	99	2300X800X1300
LTP-Y 100KW	100/125	180	STF100KW	YC6B155L-D21	195	113	2400X800X1300
LTP-Y 120KW	120/150	217	STF120KW	YC6B180L-D20	195	132	2400X800X1300
LTP-Y 150KW	150/187.5	271	STF150KW	YC6A230L-D20	195	170.5	2600X800X1400
LTP-Y 180KW	180/225	324	STF180KW	YC6L275L-D20	195	202	2600X800X1400
LTP-Y 200KW	200/250	360	STF200KW	YC6M350L-D20	195	258.5	2800X900X1400
LTP-Y 220KW	220/275	396	STF220KW	YC6MK390L-D20	195	286	2800X900X1400
LTP-Y 250KW	250/312.5	450	STF250KW	YC6MK420L-D20	195	309	3100X900X1500
LTP-Y 300KW	300/375	540	STF300KW	YC6MKL480L-D20	195	352	3100X900X1500
LTP-Y 350KW	350/437.5	630	STF350KW	YC6T550L-D21	195	405	3300X1100X1600
LTP-Y 400KW	400/ 500	720	STF400KW	YC6T660L-D20	195	485	3300X1100X1600
LTP-Y 450KW	450/562.5	810	STF450KW	YC6T700L-D20	195	515	3600X1100X1600
LTP-Y 500KW	500/625	900	STF500KW	YC6C1020L-D20	195	748	3600X1100X1600
LTP-Y 550KW	550/687.5	990	STF550KW	YC6C1020L-D20	195	748	3600X1100X1600
LTP-Y 600KW	600/750	1080	STF600KW	YC6C1020L-D20	195	748	4400X1200X1800
LTP-Y 650KW	650/812.5	1170	STF650KW	YC6C1020L-D20	195	748	4400X1200X1800

LOVOL

series

Engine Generator Sets



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Brief introduction

Lovol engines brand engine is adhering to the LANDTOP Perkins 70 years Powertrain manufacturing experience and the world's leading technology, in the field of global power, met with German Bosch, AVL of Austria, Southwest Research Institute and China Automotive Technology and Research Institute, Tianjin University of domestic and foreign famous internal combustion engine research and development institutions established on the R & D project as the carrier of cooperation, after from the technology introduction, digestion and absorption to the innovation design and development with European ancestry and modern advanced technology of a classical dynamical.

Rated Output: From 24kw to 150kw
Both Open Type and Silent Type are available.

Technical data

3Phase,cos Φ=0.8,230V/440V,50/60Hz,1500/1800RPM,Water-Cooled.

Model	Output		Current (A)	Engine	Power	Cylinders	Alternator			Fuel Tank Base
	kW	KVA					Stamford	Meccalte	Landtop	
LTP-L 24	24	30.00	43.34	1003G	28/30.8	3L	PI144F	ECP32-2S/4	184F	8h
LTP-L 30	30	37.50	54.18	1003TG	44/48	3L	PI144H	ECP32-3S/4	184H	8h
LTP-L 40	40	50.00	72.24	1003TG	44/48	3L	UCI224D	ECP32-2L/4	224D	8h
LTP-L 50	50	62.50	90.30	1004TG	65.7/72.3	4L	UCI224E	ECP32-3L/4	224E	8h
LTP-L 64	64	80.00	115.58	1004TG	65.7/72.3	4L	UCI224F	ECP34-1S/4	224F	8h
LTP-L 80	80	100.00	144.48	1006TG1A	84.3/92.7	6L	UCI274C	ECP34-2S/4	274C	8h
LTP-L 90	90	112.50	162.54	1006TG2A	92.3/102	6L	UCI274D	ECP34-1L/4	274D	8h
LTP-L 100	100	125.00	180.60	1006TAG1A	106/116.6	6L	UCI274D	ECP34-2L/4	274D	8h
LTP-L 120	120	150.00	216.72	1006TAG	121/133.1	6L	UCI274E	ECP34-3L/4	274E	8h
LTP-L 130	130	162.50	234.78	1106C-P6TAG3	141/150	6L	UCI274F	ECO38-1SN	274F	8h
LTP-L 150	150	187.50	270.90	1106C-P6TAG4	158/168	6L	UCI274G	ECO38-2SN	274G	8h

DEUTZ series

Diesel Generating Set



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Brief introduction

Well-know that Germany is the heaven of engines such as BMW, Audi, Opel and so on, and Deutz with over 140 years history in Germany is one of there members. No matter what the demands, No matter where in the world. You can find that Deutz is under heavy working in each field who is in need of power generation. The name Deutz has a firm place in the world of machine manufacturers and machine operators.

Deutz in China is a cooperation between Deutz and Weichai Engine Co.,LTD. Who is the most popular and famous engine factory in China. Deutz engine 226B series is fuel-economical, super-powerful, reliable, rigid engine body, durable and safe.

Rated Output: From 25kw to 500kw

Both Open Type and Silent Type are available.

Technical data

Model	Output		Current (A)	Engine	Power	Cylinders	Alternator		Fuel Consumption (l/h)	Fuel Tank Base
	kW	KVA					Stamford	Meccalte		
LTP-D 25	25	31.25	45.15	D226B-3D	30	3L	PI144G	ECP32-2S/4	/	8h
LTP-D 34	34	42.50	61.40	TD226B-3D	45	3L	PI144K	ECP32-1L/4	/	8h
LTP-D 40	40	50.00	72.24	TD226B-3D	45	3L	UCI224D	ECP32-2L/4	/	8h
LTP-D 50	50	62.50	90.30	BF4M2012	54/60	4L	UCI224E	ECP32-2L/4	16.9	8h
LTP-D 64	64	80.00	115.58	BF4M2012C	67.5/75	4L	UCI224G	ECP34-1S/4	19.3	8h
LTP-D 80	80	100.00	144.48	BF4M1013EC	92/102	4L	UCI274C	ECP34-2S/4	25.8	8h
LTP-D 100	100	125.00	180.60	BF4M1013FC	116/129	4L	UCI274D	ECP34-1L/4	32.3	8h
LTP-D 120	120	150.00	216.72	BF6M1013EC	138/153	6L	UCI274E	ECP34-2L/4	38.5	8h
LTP-D 150	150	187.50	270.90	BF6M1013FCG2	165/183	6L	UCI274G	ECO38-2SN	45.9	8h
LTP-D 180	180	225.00	325.08	BF6M1015-LA GA	208/231	6L	UCI274J	ECO38-1LN	47	8h
LTP-D 200	200	250.00	361.20	BF6M1015C-LA G1A	228/250	6L	UCI274K	ECO38-2LN	51	8h
LTP-D 250	250	312.50	451.50	BF6M1015C-LA G3A	282/314	6L	HCI444D	ECO38-3LN	63	8h
LTP-D 300	300	375.00	541.80	BF6M1015CP-LA G	328/365	6L	HCI444FS	ECO40-1S	74	8h
LTP-D 350	350	437.50	632.10	BF8M1015C-LA G1A	388/418	8V	HCI544C	ECO40-3S	87	8h
LTP-D 400	400	500.00	722.40	BF8M1015CP-LA G2	448/490	8V	HIC544D	ECO40-1L	91	8h
LTP-D 450	450	562.50	812.70	BF8M1015CP-LA G4	480/530	8V	HIC544D	ECO40-1.5L	110	8h
LTP-D 500	500	625.00	903.00	BF8M1015CP-LA G5	509/560	8V	HIC544E	ECO40-2L	117	8h

CUMMINS series

Diesel Generating Set



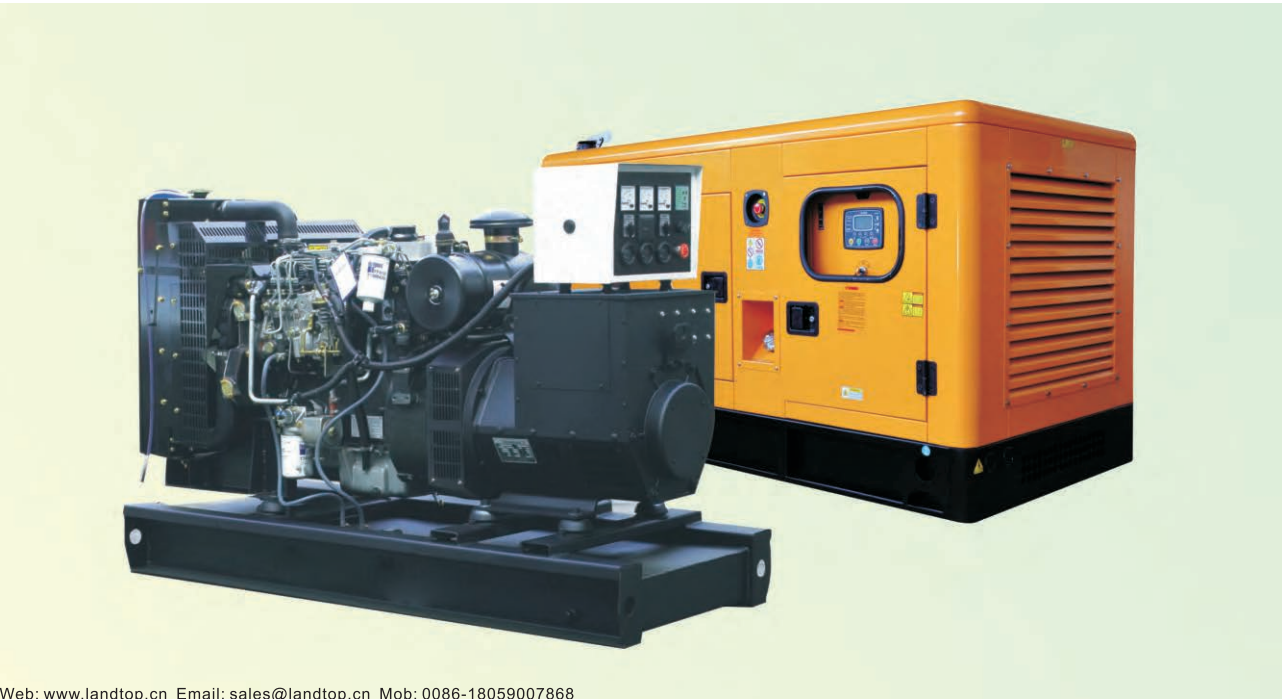
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Technical data

Model	Output		Current (A)	Engine	Power	Cylinders	Alternator		Fuel Consumption (l/h)	Fuel Tank Base
	kW	KVA					Stamford	Meccalte		
LTP-C 20	20	25.00	36.12	4B3.9-G1	24/27	4L	PI144E	ECP28-2L/4	8	8h
LTP-C 24	24	30.00	43.34	4B3.9-G1	24/27	4L	PI144F	ECP28-VL/4	8	8h
LTP-C 30	30	37.50	54.18	4BT3.9-G1	36/40	4L	PI144H	ECP32-3S/4	11.1	8h
LTP-C 44	44	55.00	79.46	4BTA3.9-G2	50/55	4L	UCI224D	ECP32-1L/4	14.5	8h
LTP-C 50	50	62.50	90.30	4BTA3.9-G2	50/55	4L	UCI224E	ECP32-2L/4	14.5	8h
LTP-C 75	75	93.75	135.45	6BT5.9-G1	92	6L	UCI224G	ECP34-1S/4	23.5	8h
LTP-C 90	90	112.50	162.54	6BT5.9-G1	92	6L	UCI274C	ECP34-2S/4	25	8h
LTP-C 100	100	125.00	180.60	6BTA5.9-G2	110/121	6L	UCI274D	ECP34-1L/4	30	8h
LTP-C 120	120	150.00	216.72	6BTAA5.9-G2	120/132	6L	UCI274E	ECP34-2L/4	34	8h
LTP-C 150	150	187.50	270.90	6CTA8.3-G2	163/180	6L	UCI274G	ECO38-2SN	48	8h
LTP-C 180	180	225.00	325.08	6CTAA8.3-G2	183/204	6L	UCI274H	ECO38-3SN	51	8h
LTP-C 200	200	250.00	361.20	6LTAA8.9-G2	220/245	6L	UCI274J	ECO38-1LN	58	8h
LTP-C 323	323	403.75	583.34	6ZTAA13-G3	340/374	6L	HCI444FS	ECO40-1S	89.1	8h
LTP-C 400	400	500.00	722.40	6ZTAA13-G2	390/429	6L	HCI544C	ECO40-3S	58	8h
LTP-C 440	440	550.00	794.64	QSZ13-G3	450/490	6L	HCI544D	ECO40-1L	100	8h
LTP-C 220	220	275.00	397.32	NT855-GA	231/254	6L	UCI274K	ECO38-1LN	53.4	8h
LTP-C 250	250	312.50	451.50	NTA855-G1A	264/291	6L	HCI444D	ECO38-2LN	61.3	8h
LTP-C 280	280	350.00	505.68	MTAA11-G3	282/310	6L	HIC444ES	ECO38-3LN	63.1	8h
LTP-C 310	310	387.50	559.86	NTA855-G2A	312/343	6L	HIC444FS	ECO40-1S	71.9	8h
LTP-C 360	360	450.00	650.16	NTAA855-G7A	407	6L	HCI444F	ECO40-2S	85.4	8h
LTP-C 400	400	500.00	722.40	KTA19-G3	403/448	6L	HCI544C	ECO40-3S	97	8h
LTP-C 450	450	562.50	812.70	KTA19-G4	448/504	6L	HCI544D	ECO40-1L	107	8h
LTP-C 520	520	650.00	939.12	KTA19-G8	575	6L	HCI544E	ECO40-1.5L	/	8h
LTP-C 550	550	687.50	993.30	KTAA19-G6A	610	6L	HCI544FS	ECO40-2L	118.5	8h
LTP-C 640	640	800.00	1155.84	KTA38-GA	711	12V	HCI634G	ECO43-1SN	/	8h
LTP-C 700	700	875.00	1264.20	KTA38-G2B	711/789	12V	HCI634G	ECO43-2SN	170	8h
LTP-C 800	800	1000.00	1444.80	KTA38-G2A	813/895	12V	HCI634H	ECO43-2SN	191	8h
LTP-C 880	880	1100.00	1589.28	KTA38-G5	880/970	12V	HCI634J	ECO43-1LN	209	8h
LTP-C 1000	1000	1250.00	1806.00	KTA38-G9	1089	12V	HCI634K	ECO43-2L	/	8h
LTP-C 1100	1100	1375.00	1986.60	KTA50-G3	1097/1227	16V	PI734A	ECO43-VL	261	8h

PERKINS series

Engine Generator Sets



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

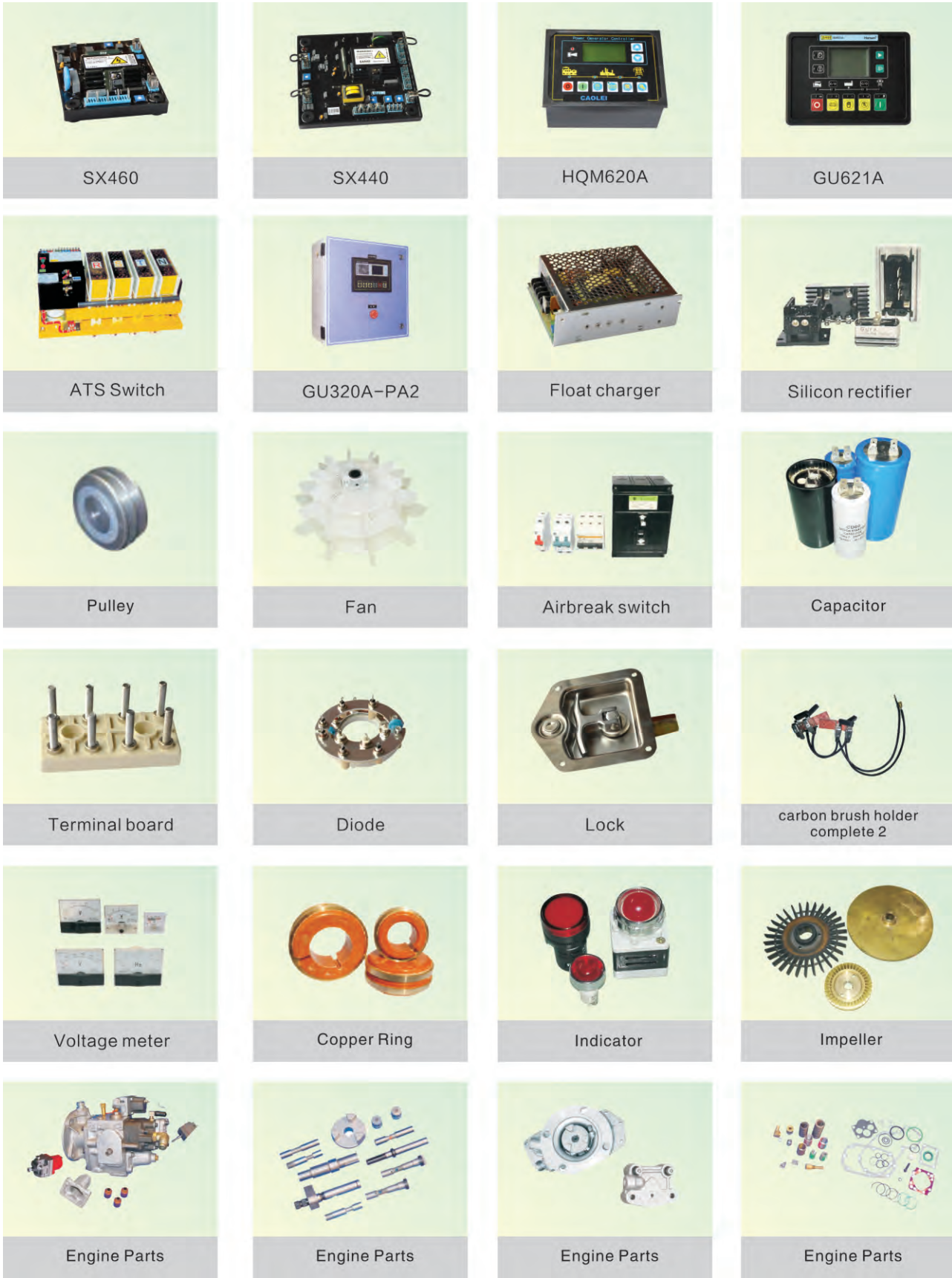
Brief introduction

Perkins engine manufacturer is well-known with excellent quality and competitive prices in the world. Their products meet many local or international standards e.g. GB/T2820, Gb1105, YD/T502, ISO3046, ISO8528...etc, exhaust accord with USA standards- EPA and CARB. Perkins diesel engine solutions are trusted by more than 1,000 leading manufacturers in industrial, construction, agricultural, materials handling, marine and electrical power generation markets.

Technical data

Type	Power (KW/KVA)	Current (A)	Alternator (KW)	Diesel engine Type	Fuel Consumption (g/kw.h)	Diesel engine power (KW)	Install size(MM)
LTP-P 22KW	22/27.5	39.6	STF22KW	1003G	250	30.8	1900X700X1200
LTP-P 30KW	30/37.5	54	STF30KW	1004G	250	44	1900X700X1200
LTP-P 36KW	36/45	64.8	STF36KW	1003TG	250	48	1900X700X1200
LTP-P 40KW	40/50	72	STF40KW	1003TG	250	48	2000X800X1300
LTP-P 50KW	50/62.5	90	STF50KW	1004TG	250	72.3	2300X800X1300
LTP-P 58KW	58/72.5	104.4	STF58KW	1004TG	250	72.3	2300X800X1300
LTP-P 80KW	80/100	144	STF80KW	1006TG1A	210	92.7	2500X800X1300
LTP-P 90KW	90/112.5	162	STF90KW	1006TG2A	210	102	2500X800X1300
LTP-P 100KW	100/125	180	STF100KW	1006TAZ	210	110	2680X900X1300
LTP-P 120KW	120/150	216	STF120KW	1006TAG	210	134	2680X900X1300
LTP-P 150KW	150/187.5	271	STF150KW	136-E87TAG1	210	172	2800X960X1450
LTP-P 180KW	180/225	324	STF180KW	1306C-E87TAG3	210	205	3000X1050X1800
LTP-P 200KW	200/250	360	STF200KW	1306-E87TAG4	210	224	3000X1050X1800
LTP-P 250KW	250/312.5	450	STF250KW	2306C-E14TAG1	210	313	3000X1050X1800
LTP-P 280KW	280/350	504	STF280KW	2306C-E14TAG2	210	353	3600X1000X1800
LTP-P 300KW	300/375	540	STF300KW	2306C-E14TAG2	210	353	3600X1000X1800
LTP-P 320KW	320/400	576	STF320KW	2306C-E14TAG3	210	396	3600X1000X1800
LTP-P 350KW	350/437.5	630	STF350KW	2306C-E14TAG3	210	396	3600X1000X1800
LTP-P 400KW	400/500	720	STF400KW	2806C-E16TAG1	210	445	3800X1200X2200
LTP-P 450KW	450/562.5	810	STF450KW	2806C-E16TAG2	210	483	3800X1200X2200
LTP-P 500KW	500/625	900	STF500KW	2806C-E18TAG1	210	558	3800X1200X2200
LTP-P 550KW	550/687.5	990	STF550KW	2806C-E18TAG2	210	618	3800X1200X2200
LTP-P 600KW	600/750	1080	STF600KW	4006-23TAG1A	210	646	4000X1500X2200
LTP-P 650KW	650/812.5	1170	STF650KW	4006-23TAG2A	210	711	4000X1500X2200
LTP-P 700KW	700/875	1260	STF700KW	4006-23TAG3A	210	786	4000X1500X2200
LTP-P 750KW	750/937.5	1350	STF750KW	4008TAG	210	816	5600X2000X2460
LTP-P 800KW	800/1000	1440	STF800KW	4008TAG1	210	877	5600X2000X2460
LTP-P 900KW	900/1125	1620	STF900KW	4008TAG2	210	985	5600X2000X2460
LTP-P 1000KW	1000/1250	1800	STF1000KW	4012TWG2	210	1207	4800X2000X2460
LTP-P 1200KW	1200/1500	2160	STF1200KW	4012TAG1	210	1320	5600X2000X2460
LTP-P 1400KW	1400/1750	2520	STF1400KW	4016TWG2	210	1612	5800X2300X2600
LTP-P 1500KW	1500/1875	2700	STF1500KW	4016TAG	210	1649	6000X2300X2600
LTP-P 1600KW	1600/2000	2880	STF1600KW	4016TAG1A	210	1741	6000X2300X2600

ACCESSORIES



JY series

Single Phase Induction Motor

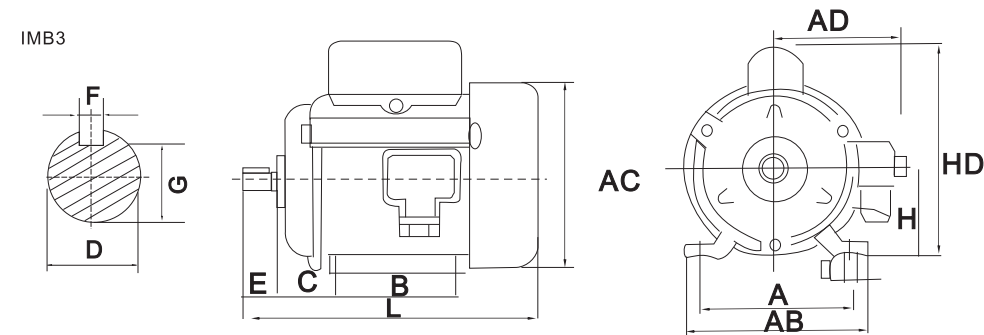


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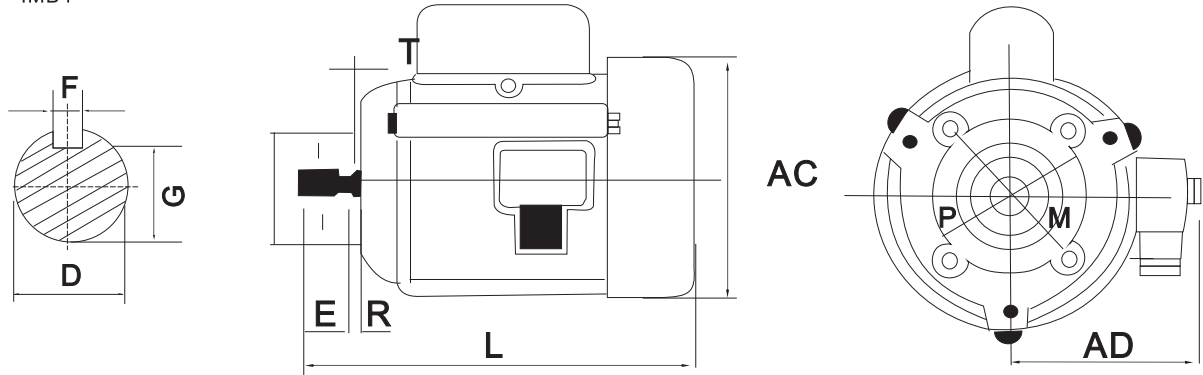
Operating conditions:

JY series single-phase capacitor start induction motor is suitable for any places where a larger starting torque and the starting current to be limited are required, and is used as driving motor of air compressors, medical apparatus and other small machines in which full-load starting is demanded, There series motors have three frame sizes, 09, 1 and 2 of totally enclosed fan-cooled. The frames are made of cast iron or cast aluminum according to the requests.

Overall and mounting dimension



IMB4



Frame Size	Mounting Dimension(mm)																Overall Dimension(mm)				
	A	B	C	D	E	F	GA	H	K	M	N	P	R	S	T		AB	AC	AD	HD	L
09	125	100	50	14	30	4	15.5	80	10	85	70	105	0	M6	3		156	156	108	190	258
1	140	100	56	16	40	5	18	90	10	100	80	120	0	M8	3		176	176	121	220	286
2	160	115	112	19	40	6	21.5	100	12	115	95	140	0	M8	3		190	190	128	246	330

注: GE=D-G GE的极限偏差对机座号80为0+0.10,其余为0+0.20

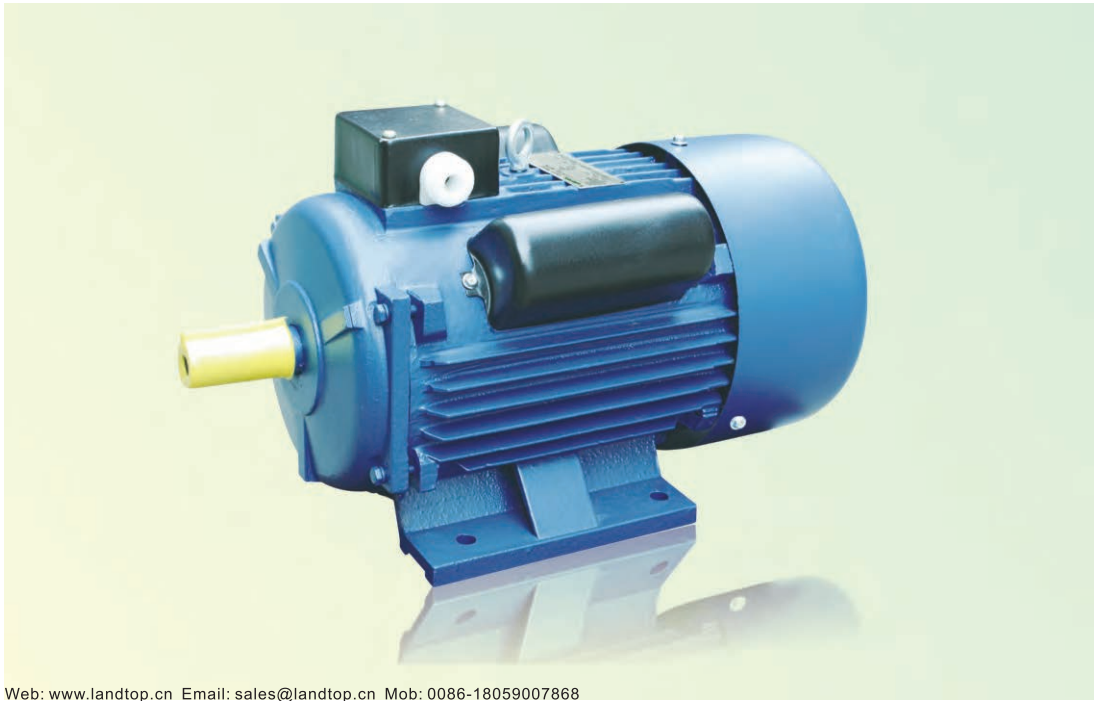
Technical data

Frame size	Model(JY)	Output		Speed (rpm)	Power factor	Eff	Max torque Rated torque	Starting torque rated torque	Weight
		KW	HP						
09	JY09A-2	0.25	1 / 3	2800	0.72	63	1.8-2	2-2.35	21.7
	JY09B-2	0.18	1 / 4	2800	0.72	60	1.8-2	2-2.35	21.7
	JY09A-2	0.18	1 / 4	1400	0.62	56	1.8-2	2-2.35	20
1	JY1A-2	0.55	3 / 4	2800	0.72	66	1.8-2	2-2.35	14
	JY1B-2	0.37	1 / 2	2800	0.72	66	1.8-2	2-2.35	14
	JY1A-4	0.37	1 / 2	1400	0.62	64	1.8-2	2-2.35	13
	JY1B-4	0.25	1 / 3	1400	0.62	60	1.8-2	2-2.35	23
2	JY2A-2	1.1	1.5	2850	0.77	71	1.8-2	2-2.35	11.5
	JY2B-2	0.75	1	2850	0.75	70	1.8-2	2-2.35	10.2
	JY2A-4	0.75	1	1400	0.68	69	1.8-2	2-2.35	10.2
	JY2B-4	0.55	3 / 4	1400	0.68	67	1.8-2	2-2.35	16

YC/YCL series

Heavy Duty Single Phase Motor

LANDTOPS



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Operating conditions:

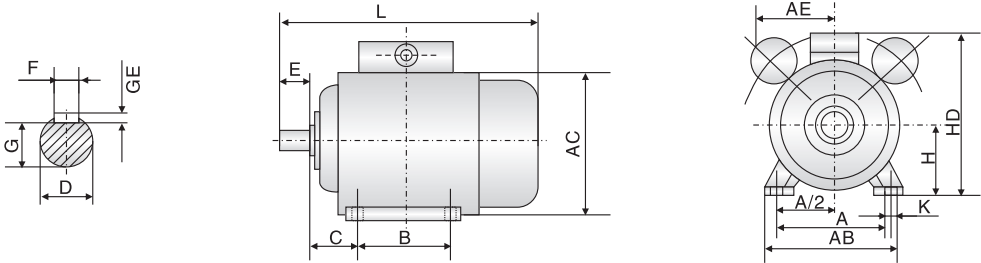
- 1. Ambient temperature: -15℃ ≤ θ ≤ 40℃
- 2. Altitude: ≤ 1000m
- 3. Rated voltage: 220V, other voltage on request
- 4. Rated frequency: 50HZ, other frequency on request
- 5. Duty/Rating: Continuous(S1)
- 6. Insulation class: Class B/F
- 7. Protection class: IP44/IP54
- 8. Cooling method: IC0141



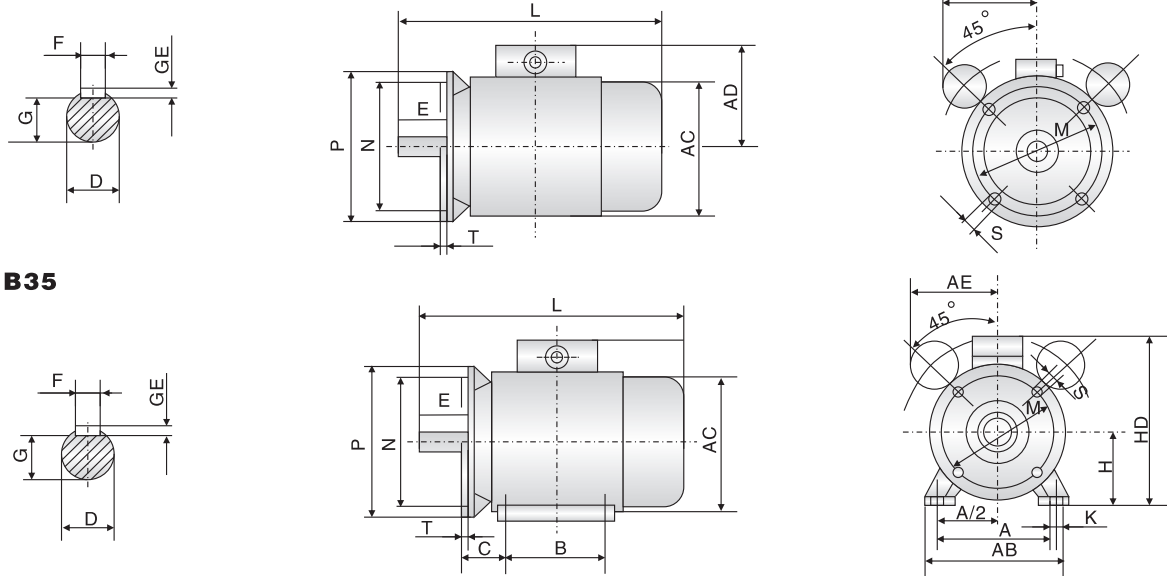
Overall and mounting dimension



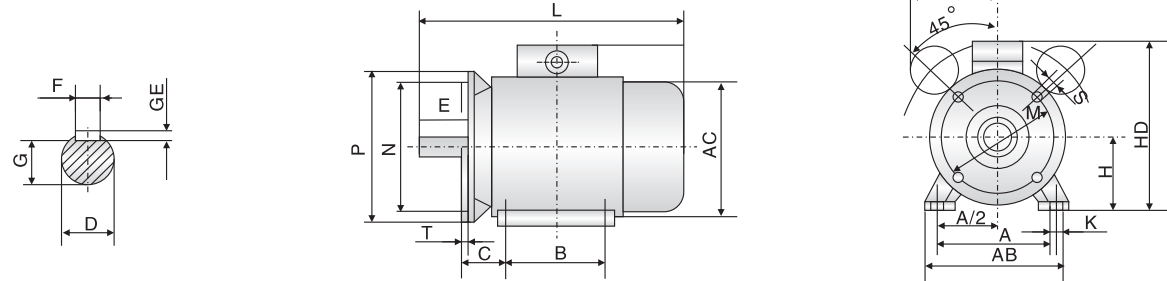
B3



B5



B35



Frame Size	Mounting Dimension(mm)															Overall Dimension(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	S	T		AB	AC	AD	HD	L
71	112	90	45	14	30	5	11	71	7	130	110	160	10	3.5		145	145	140	180	255
80	125	100	50	19	40	6	15.5	80	10	165	130	200	12	3.5		175	160	150	200	310
90S	140	100	56	24	50	8	20	90	10	216	180	250	15	4		180	185	160	240	355
90L	140	125	56	24	50	8	20	90	10	216	180	250	15	4		180	185	160	240	385
100L	160	140	63	28	60	8	24	100	12	216	180	250	15	4		205	220	180	260	415
112M	190	140	70	28	60	8	24	112	12	216	180	250	15	4		245	250	190	300	440
132S	216	140	89	38	80	10	33	132	12	265	230	300	15	4		280	262	210	315	470
132M	216	170	89	38	80	10	33	132	12	265	230	300	15	4		280	262	210	315	495

Technical data

Type	Output		Current (A)	Tst/Tn	Ist/In	Speed (rpm)
	kW	HP				
YC711-2	0.18	0.25	1.89	3.0	7	2800
YC712-2	0.25	0.33	2.4	3.0	7	2800
YC80A-2	0.37	0.5	3.3	3.0	6.5	2840
YC80B-2	0.55	0.75	4.7	3.0	6.5	2860
YC80C-2	0.75	1	6.1	2.8	7	2880
YC90S-2	1.1	1.5	10.5	2.8	7	2900
YC90L-2	1.5	2	12.4	2.8	7	2920
YC100L-2	2.2	3	18.8	2.6	7	2940
YC112M1-2	3	4	21.4	2.2	7	2900
YC112M2-2	3.7	5	24.8	2.2	7	2900
YC711-4	0.12	0.16	1.88	3.0	9	1400
YC712-4	0.18	0.25	2.49	2.8	7	1400
YC80A-4	0.25	0.3	3.1	3.0	6	1410
YC80B-4	0.37	0.5	4.1	3.0	6	1420
YC80C-4	0.55	0.75	5.6	3.0	6	1430
YC90S-4	0.75	1	8.3	2.8	6.5	1440
YC90L-4	1.1	1.5	11.2	2.8	6.5	1450
YC100L-4	1.5	2	12.5	2.8	6.5	1460
YC112M-4	2.2	3	18.3	2.6	6.5	1470
YC132SA-4	3	4	19	2.2	6.5	1460
YC132SB-4	3.7	5	22	2.2	6.5	1460
YC132M1-4	5.5	7.5	32.5	2.0	6.5	1460
YC132M2-4	7.5	10	40.0	2.0	6.5	1460

Note: The tabulated values are those under rated voltage 220v, and rated frequency 50Hz.

MC/MY/ML series

Aluminum Housing Single Phase Capacitor Induction Motor

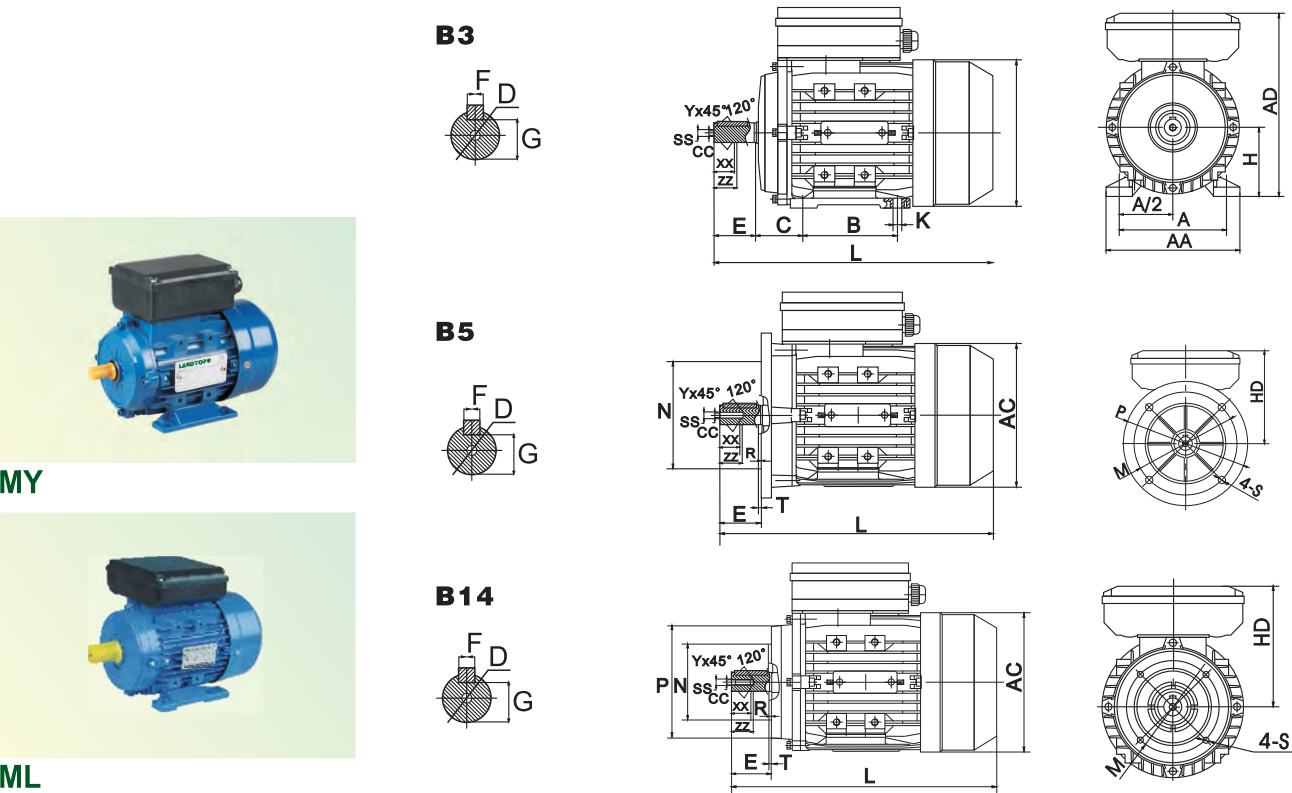


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Technical data

Type	Output (kW)	Current (A)	Power factor	Eff. (%)	Speed (r/min)	Tst/Tn	Ist	Tmax/Tn
MC711-2	0.18	1.89	0.72	60	2800	3.0	12	1.8
MC712-2	0.25	2.40	0.74	64	2800	3.0	15	1.8
MC801-2	0.37	3.36	0.77	65	2800	2.8	21	1.8
MC802-2	0.55	4.65	0.79	68	2800	2.8	29	1.8
MC90S-2	0.75	6.09	0.80	70	2800	2.5	37	1.8
MC90L-2	1.1	8.68	0.80	72	2800	2.5	60	1.8
MC100L1-2	1.5	11.38	0.81	74	2900	2.5	80	1.8
MC100L2-2	2.2	16.46	0.91	75	2900	2.2	120	1.8
MC112M-2	3	21.88	0.82	76	2900	2.2	150	1.8
MC711-4	0.12	1.88	0.58	50	1400	3.0	9	1.8
MC712-4	0.18	2.49	0.62	53	1400	2.8	12	1.8
MC801-4	0.25	3.11	0.63	58	1400	2.5	15	1.8
MC802-4	0.37	4.24	0.64	62	1400	2.5	21	1.8
MC90S-4	0.55	5.49	0.69	66	1400	2.5	29	1.8
MC90L-4	0.75	6.87	0.73	68	1400	2.5	37	1.8
MC100L1-4	1.1	9.52	0.74	71	1450	2.5	60	1.8
MC100L2-4	1.5	12.45	0.75	73	1450	2.5	80	1.8
MC112M-4	2.2	17.78	0.76	74	1450	2.2	120	1.8

Overall and mounting dimension



Frame Size	Mounting dimension(mm)										B5(mm) Mounting Dimension For B5					B14(mm) Mounting Dimension B14					Overall Dimension(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	HD	L	
63	100	80	40	11	23	4	8.5	63	7	115	95	140	10	3	75	60	90	M5	2.5	130	130	125	180	230	
71	112	90	45	14	30	5	11	71	7	130	110	160	10	3.5	85	70	105	M6	2.5	145	145	130	200	255	
80	125	100	50	19	40	6	15.5	80	10	165	130	200	12	3.5	100	80	120	M6	3	160	160	160	240	295	
90S	140	100	56	24	50	8	20	90	10	165	130	200	12	3.5	115	95	140	M8	3	180	180	175	260	335	
90L	140	125	56	24	50	8	20	90	10	165	130	200	12	3.5	115	95	140	M8	3	180	180	175	260	360	
100L	160	140	63	28	60	8	24	100	12	215	180	250	15	4	130	110	160	M8	3.5	205	205	200	280	390	
112M	190	140	70	28	60	8	24	112	12	215	180	250	15	4	130	110	160	M8	3.5	245	245	210	300	410	

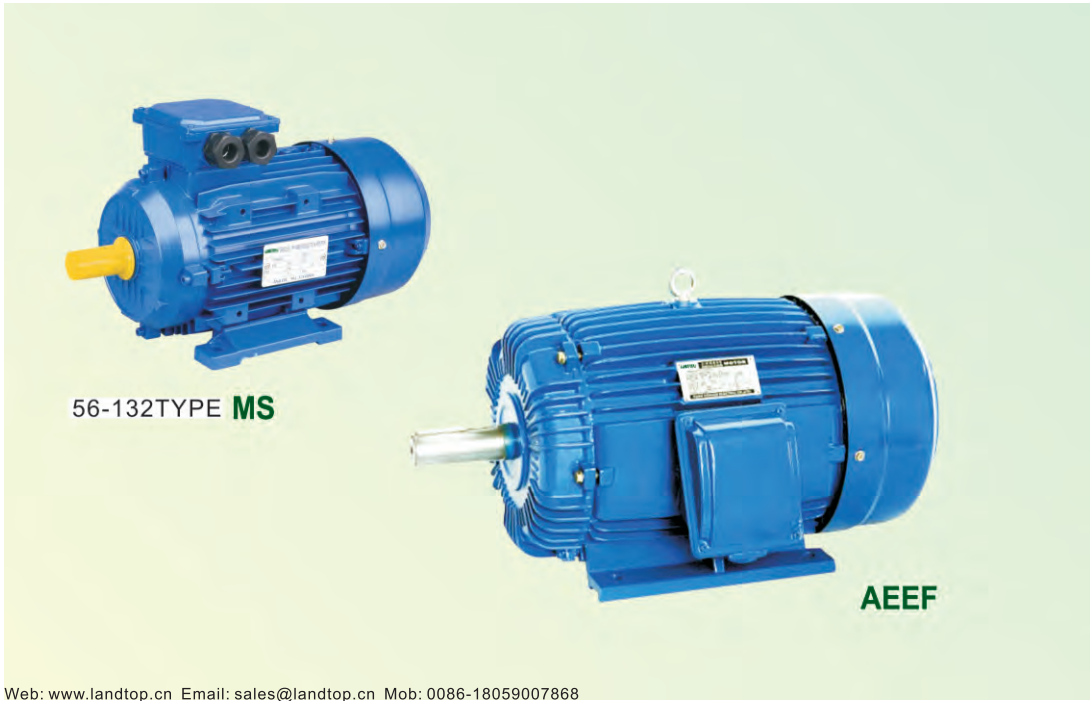
Type	Output(kW)	Current (A)	Power factor	Eff. (%)	Speed (r/min)	Tst/Tn	Ist	Tmax/Tn
MY631-2	0.18	1.48	0.92	60	2800	0.4	5	1.7
MY632-2	0.25	1.96	0.92	63	2800	0.4	7	1.7
MY711-2	0.37	2.73	0.92	67	2800	0.35	10	1.7
MY712-2	0.55	3.88	0.92	70	2800	0.35	15	1.7
MY801-2	0.75	5.15	0.92	72	2800	0.33	20	1.7
MY802-2	1.1	7.02	0.95	75	2800	0.33	30	1.7
MY90S-2	1.5	9.44	0.95	76	2800	0.3	45	1.7
MY90L-2	2.2	13.67	0.95	77	2800	0.3	65	1.7
MY631-4	0.12	1.10	0.90	55	2800	0.4	3.5	1.7
MY632-4	0.18	1.62	0.90	56	1400	0.4	5	1.7
MY711-4	0.25	2.02	0.92	61	1400	0.35	7	1.7
MY712-4	0.37	2.95	0.92	62	1400	0.35	10	1.7
MY801-4	0.55	4.25	0.92	64	1400	0.35	15.4	1.7
MY802-4	0.75	5.45	0.92	68	1400	0.32	20	1.7
MY90S-4	1.1	7.45	0.95	71	1400	0.32	30	1.7
MY90L-4	1.5	9.83	0.95	73	1400	0.3	45	1.7

Type	Output (kW)	Current (A)	Power factor	Eff. (%)	Speed (r/min)	Ist/In	Tst/Tn	Tmax/Tn
ML 711-2	0.37	2.73	0.92	67	2800	5.5	1.8	1.7
ML 712-2	0.55	3.88	0.95	70	2800	5.5	1.8	1.7
ML 801-2	0.75	5.15	0.95	73	2800	5.5	1.8	1.7
ML 802-2	1.1	7.02	0.95	75	2800	5.5	1.8	1.7
ML 90S-2	1.5	9.44	0.95	76	2800	5.5	1.7	1.7
ML 90L-2	2.2	13.67	0.95	77	2800	5.5	1.7	1.7
ML 100L-2	3	18.2	0.95	79	2800	6	1.7	1.7
ML711-4	0.25	1.99	0.92	62	1400	5	1.8	1.7
ML 712-4	0.37	2.81	0.92	65	1400	5	1.8	1.7
ML 801-4	0.55	4.0	0.92	69	1400	5	1.8	1.7
ML 802-4	0.75	5.22	0.95	71	1400	5	1.8	1.7
ML 90S-4	1.1	7.2	0.95	72	1400	5	1.7	1.7
ML 90L-4	1.5	9.57	0.95	74	1400	5	1.7	1.7
ML 100L1-4	2.2	13.9	0.95	76	1400	5	1.7	1.7
ML 100L2-4	3	18.6	0.95	78	1400	5	1.7	1.7

Y /Y2/AEEF/MS series

Three Phase Induction Motor

LANDTOPS



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Operating conditions:

- 1. Ambient temperature: -15℃ ≤ θ ≤ 40℃
- 2. Altitude: ≤ 1000m
- 3. Rated voltage: 380V, other voltage on request
- 4. Rated frequency: 50HZ, other frequency on request
- 5. Duty/Rating: Continuous(S1)
- 6. Insulation class: Class B/F
- 7. Protection class: IP44/IP54/IP55
- 8. Cooling method: IC411



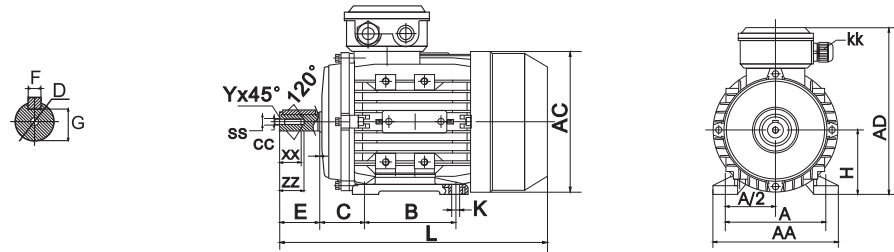
Y



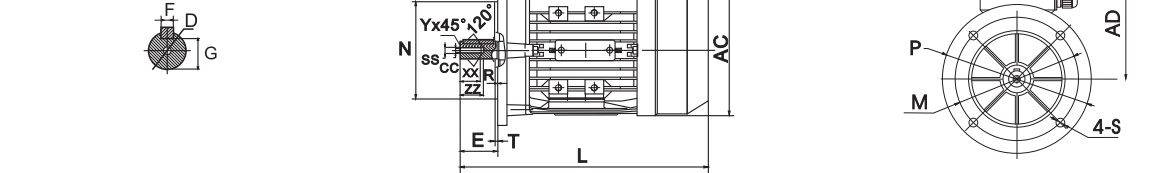
Y2

Overall and mounting dimension

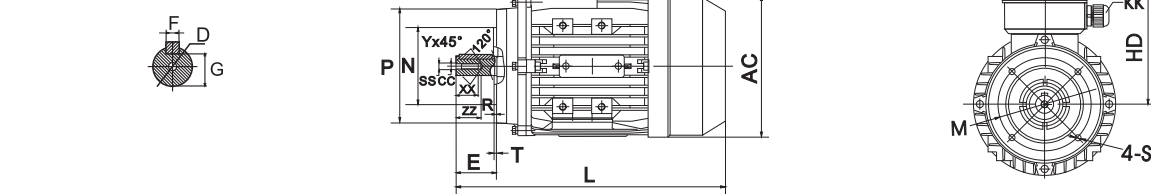
B3



B5



B14



Technical data

Type	Mounting Dimension (mm)																Overall Dimension (mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T		AB	AC	AD	HD	HF	L
56	90	71	36	9	20	3	7.2	56	5.8	98	80	120	0	7	3		110	120	110	145	130	195
63	100	80	40	11	23	4	8.5	63	7	115	95	140	0	10	3		135	130	70	180	145	225
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3.5		150	145	80	195	185	250
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5		175	175	145	214	195	295
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5		180	195	155	250	195	315
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5		180	195	155	250	245	340
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4		205	215	180	270	265	385
112M	190	140	70	28	60	9	24	112	12	215	180	250	0	15	4		230	240	190	300	315	400
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4		270	275	210	345	315	470
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4		270	275	210	345	385	510
160M	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5		320	330	255	420	385	615
160L	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5		320	330	255	420	430	670
180M	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5		355	380	280	455	430	700
180L	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5		355	380	280	455	480	740
200L	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5		375	420	305	545	535	770
225S	356	286	149	60	110	18	53	225	19	450	350	450	0	19	5		435	470	335	555	535	815
225M-2	356	311	149	55	110	16	49	225	19	450	350	450	0	19	5		435	470	335	555	535	820
225M-4, 6, 8	356	311	149	60	140	18	53	225	19	450	350	450	0	19	5		435	470	335	555		845
250M-2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5		490	510	370	615		910
250M-4, 6, 8	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5		490	510	370	615		910
280S-2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5		550	580	410	680		985
280S-4, 6, 8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	19	5		550	580	410	680		985
280M-2	457	419	190	65	140	18	58	280	24	500	450	550	0	19	5		550	580	410	680		1035
280M-4, 6, 8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	19	5		550	580	410	680		1035
315S-2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6		635	645	530	845		1160
315S-4, 6, 8, 10	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6		635	645	530	845		1270
315M-2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6		635	645	530	845		1190
315M-4, 6, 8, 10	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6		635	645	530	845		1300
315L-2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6		635	645	530	845		1190
315L-4, 6, 8, 10	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6		635	645	530	845		1300
355M-2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6		730	710	655	1010		1500
355M-4, 6, 8, 10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6		730	710	655	1010		1530
355L-2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6		730	710	655	1010		1500
355L-4, 6, 8, 10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6		730	710	655	1010		1530

Y/Y2/AEEF/MS series

Three Phase Induction Motor

LANDTOPS

Technical data

Type	Output		Full load				Tst/Tn	Ist/In	Tmax/Tn
	kW	HP	Current (A)	Speed (r/min)	Eff (%)	Power Factor			
380V 50Hz Synchronous Speed3000 r/min(2poles)									
MS/Y2-561-2	0.09	0.12	0.30	2800	62	0.68	2.2	5.5	2.2
MS/Y2-562-2	0.12	0.16	0.38	2800	67	0.75	2.2	5.5	2.2
MS/Y2-631-2	0.18	0.25	0.53	2730	65.0	0.80	2.2	5.5	2.2
MS/Y2-632-2	0.25	0.34	0.69	2725	68.0	0.81	2.2	5.5	2.2
MS/Y2-711-2	0.37	0.50	0.99	2740	70.0	0.81	2.2	6.1	2.2
MS/Y2-712-2	0.55	0.75	1.40	2740	73.0	0.82	2.2	6.1	2.3
MS/Y2-801-2	0.75	1	1.83	2845	75.0	0.83	2.2	6.1	2.3
MS/Y2-802-2	1.1	1.5	2.58	2840	76.2	0.84	2.2	7.0	2.3
MS/Y2-90S-2	1.5	2	3.43	2840	78.5	0.84	2.2	7.0	2.3
MS/Y2-90L-2	2.2	3	4.85	2840	81.0	0.85	2.2	7.0	2.3
MS/Y2-100L-2	3.0	4	6.31	2860	82.6	0.87	2.2	7.5	2.3
MS/Y2-112M-2	4.0	5.5	8.10	2880	84.2	0.88	2.2	7.5	2.3
MS/Y2-132S1-2	5.5	7.5	11.0	2910	85.7	0.88	2.2	7.5	2.3
MS/Y2-132S2-2	7.5	10	14.9	2900	87.0	0.88	2.2	7.5	2.3
Y2-160M 1-2	11	15	21.3	2930	88.4	0.89	2.2	7.5	2.3
Y2-160M2-2	15	20	28.8	2930	89.4	0.89	2.2	7.5	2.3
Y2-160L-2	18.5	25	34.7	2930	90.0	0.90	2.2	7.5	2.3
Y2-180M-2	22	30	41.0	2940	90.5	0.90	2.0	7.5	2.3
Y2-200L1-2	30	40	55.5	2950	91.4	0.90	2.0	7.5	2.3
Y2-200L2-2	37	50	67.9	2950	92.0	0.90	2.0	7.5	2.3
Y2-225M-2	45	60	82.3	2960	92.5	0.90	2.0	7.5	2.3
Y2-250M-2	55	75	101	2965	93.0	0.90	2.0	7.5	2.3
Y2-280S-2	75	100	133.9	2960	93.0	0.90	2.0	7.5	2.3
Y2-280M-2	90	125	160.2	2960	93.8	0.91	2.0	7.5	2.3
Y2-315S-2	110	150	195.4	2970	94.0	0.91	1.8	7.1	2.2
Y2-315M-2	132	180	233.2	2970	94.5	0.91	1.8	7.1	2.2
Y2-315L1-2	160	220	279.3	2970	94.6	0.92	1.8	7.1	2.2
Y2-315L2-2	200	270	347.7	2970	94.8	0.92	1.8	7.1	2.2
Y2-355M-2	250	340	432.3	2970	95.3	0.92	1.6	7.1	2.2
Y2-355L-2	315	430	543	2970	95.6	0.92	1.6	7.1	2.2
380V 50Hz Synchronous Speed1500 r/min(4poles)									
MS/Y2-561-4	0.08	0.08	0.28	1300	58	0.58	2.1	4.4	2.2
MS/Y2-562-4	0.09	0.12	0.35	1300	58	0.61	2.1	4.4	2.2
MS/Y2-631-4	0.12	0.16	0.44	1315	57.0	0.72	2.1	4.4	2.2
MS/Y2-632-4	0.18	0.25	0.62	1315	60.0	0.73	2.1	4.4	2.2
MS/Y2-711-4	0.25	0.34	0.79	1330	65.0	0.74	2.1	5.2	2.2
MS/Y2-712-4	0.37	0.50	1.12	1330	67.0	0.75	2.1	5.2	2.2
MS/Y2-801-4	0.55	0.75	1.57	1390	71.0	0.75	2.4	5.2	2.3
MS/Y2-802-4	0.75	1	2.03	1380	73.0	0.76	2.3	6.0	2.3
MS/Y2-90S-4	1.1	1.5	2.89	1390	76.2	0.77	2.3	6.0	2.3
MS/Y2-90L-4	1.5	2	3.70	1390	78.5	0.79	2.3	6.0	2.3
MS/Y2-100L1-4	2.2	3	5.16	1410	81.0	0.81	2.3	7.0	2.3
MS/Y2-100L2-4	3.0	4	6.78	1410	82.6	0.82	2.3	7.0	2.3
MS/Y2-112M-4	4.0	5.5	8.80	1435	84.2	0.82	2.3	7.0	2.3
MS/Y2-132S-4	5.5	7.5	11.7	1440	85.7	0.83	2.3	7.0	2.3
MS/Y2-132M-4	7.5	10	15.6	1440	87.0	0.84	2.3	7.0	2.3
Y2-160M-4	11	15	22.3	1460	88.4	0.84	2.2	7.0	2.3
Y2-160L-4	15	20	30.1	1460	89.4	0.85	2.2	7.5	2.3
Y2-180M-4	18.5	25	36.5	1470	90.0	0.86	2.2	7.5	2.3
Y2-180L-4	22	30	43.2	1470	90.5	0.86	2.2	7.5	2.3
Y2-200L-4	30	40	57.6	1470	91.4	0.86	2.2	7.2	2.3
Y2-225S-4	37	50	69.9	1475	92.0	0.87	2.2	7.2	2.3
Y2-225M-4	45	60	84.7	1475	92.5	0.87	2.2	7.2	2.3
Y2-250M-4	55	75	103	1480	93.0	0.87	2.2	7.2	2.3
Y2-280S-4	75	100	139.6	1470	93.8	0.87	2.2	7.2	2.3
Y2-280M-4	90	125	166.9	1470	94.2	0.87	2.2	7.2	2.3
Y2-315S-4	110	150	201	1480	94.5	0.88	2.1	6.9	2.2
Y2-315M-4	132	180	240.4	1480	94.8	0.88	2.1	6.9	2.2
Y2-315L1-4	160	220	287.8	1480	94.9	0.89	2.1	6.9	2.2
Y2-315L2-4	200	270	358.6	1480	95.0	0.89	2.1	6.9	2.2
Y2-355M-4	250	340	441.9	1480	95.3	0.90	2.1	6.9	2.2
Y2-355L-4	315	430	555.1	1480	95.6	0.90	2.1	6.9	2.2

Technical data

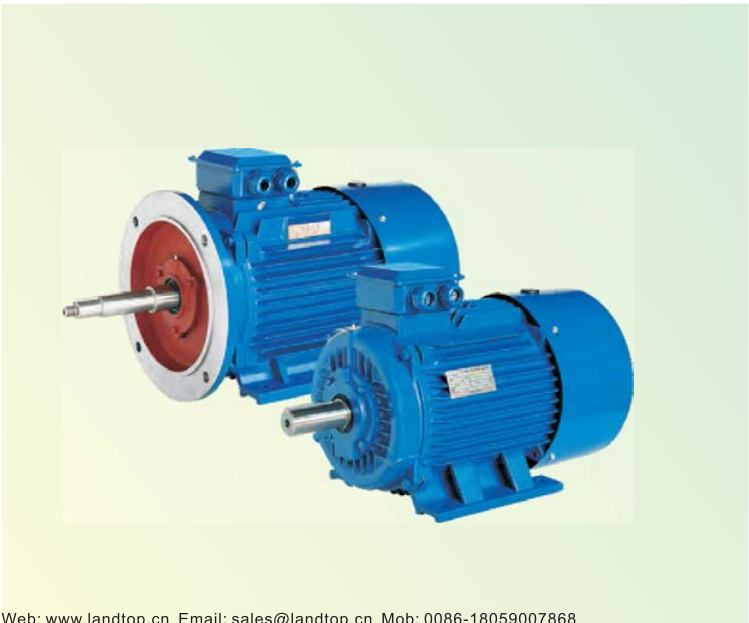
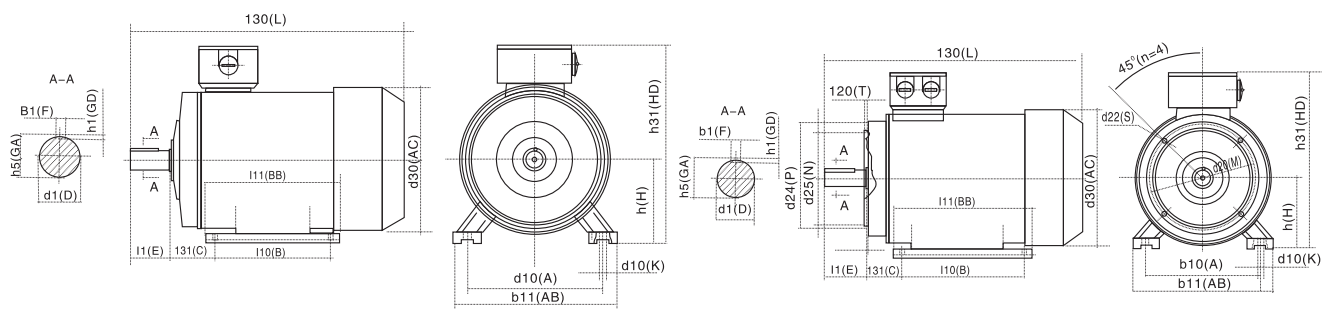
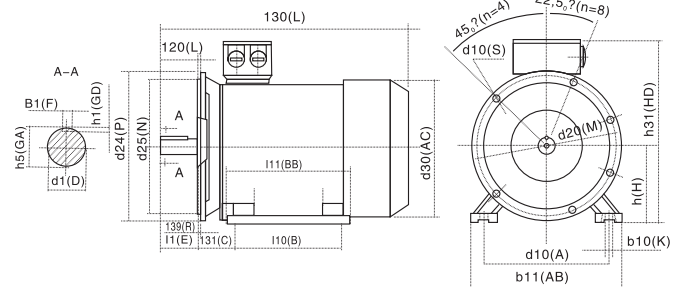
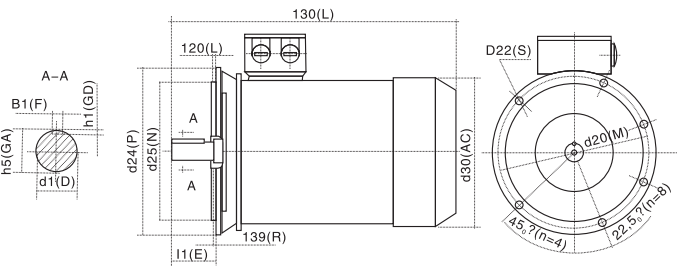
Type	Output		Full load				Tst/Tn	Ist/In	Tmax/Tn
	kW	HP	Current (A)	Speed (r/min)	Eff (%)	Power Factor			
380V 50Hz SynchronousSpeed1000 r/min(6poles)									
MS/Y2-711-6	0.18	0.25	0.74	850	56.0	0.66	1.9	4.0	2.0
MS/Y2-712-6	0.25	0.34	0.95	850	59.0	0.68	1.9	4.0	2.0
MS/Y2-801-6	0.37	0.50	1.30	885	62.0	0.70	1.9	4.7	2.0
MS/Y2-802-6	0.55	0.75	1.79	885	65.0	0.72	1.9	4.7	2.1
MS/Y2-90S-6	0.75	1	2.29	910	69.0	0.72	2.0	5.5	2.1
MS/Y2-90L-6	1.1	1.5	3.18	910	72.0	0.73	2.0	5.5	2.1
MS/Y2-100L-6	1.5	2	3.94	920	76.0	0.75	2.0	5.5	2.1
MS/Y2-112M-6	2.2	3	5.60	935	79.0	0.76	2.0	6.5	2.1
MS/Y2-132S-6	3.0	4	7.40	935	81.0	0.76	2.1	6.5	2.1
MS/Y2-132M1-6	4.0	5.5	9.80	960	82.0	0.76	2.1	6.5	2.1
MS/Y2-132M2-6	5.5	7.5	12.9	960	84.0	0.77	2.1	6.5	2.1
Y2-160M-6	7.5	10	17.0	970	86.0	0.77	2.0	6.5	2.1
Y2-160L-6	11	15	24.2	970	87.5	0.78	2.0	6.5	2.1
Y2-180L-6	15	20	31.6	970	89.0	0.81	2.0	7.0	2.1
Y2-200L1-6	18.5	25	38.6	980	90.0	0.81	2.1	7.0	2.1
Y2-200L2-6	22	30	44.7	980	90.0	0.83	2.1	7.0	2.1
Y2-225M-6	30	40	59.3	980	91.5	0.84	2.0	7.0	2.1
Y2-250M-6	37	50	71.0	980	92.0	0.86	2.1	7.0	2.1
Y2-280S-6	45	60	85.9	970	92.5	0.86	2.1	7.0	2.0
Y2-280M-6	55	75	104.7	970	92.8	0.86	2.1	7.0	2.0
Y2-315S-6	75	100	141.7	980	93.5	0.86	2.0	7.0	2.0
Y2-315M-6	90	125	169.5	980	93.8	0.86	2.0	7.0	2.0
Y2-315L 1-6	110	150	206.7	980	94.0	0.86	2.0	6.7	2.0
Y2-315L2-6	132	180	244.7	980	94.2	0.87	2.0	6.7	2.0
Y2-355M1-6	160	220	291.4	980	94.5	0.88	1.9	6.7	2.0
Y2-355M2-6	200	270	363.5	980	94.7	0.88	1.9	6.7	2.0
Y2-355L-6	250	340	453.4	980	94.9	0.88	1.9	6.7	2.0
380V 50Hz Synchronous Speed750 r/min(8poles)									
MS/Y2-801-8	0.18	0.25	0.88	645	51.0	0.61	1.8	3.3	1.9
MS/Y2-802-8	0.25	0.34	1.15	645	54.0	0.61	1.8	3.3	1.9
MS/Y2-90S-8	0.37	0.50	1.49	670	62.0	0.61	1.8	4.0	1.9
MS/Y2-90L-8	0.55	0.75	2.17	670	63.0	0.61	1.8	4.0	2.0
MS/Y2-100L1-8	0.75	1	2.39	680	71.0	0.67	1.8	4.0	2.0
MS/Y2-100L2-8	1.1	1.5	3.37	680	73.0	0.69	1.8	5.0	2.0
MS/Y2-112M-8	1.5	2	4.50	690	75.0	0.69	1.8	5.0	2.0
MS/Y2-132S-8	2.2	3	6.00	705	78.0	0.71	1.8	6.0	2.0
MS/Y2-132M-8	3.0	4	7.90	710	79.0	0.73	1.8	6.0	2.0
Y2-160M1-8	4.0	5.5	10.3	720	81.0	0.73	1.9	6.0	2.0
Y2-160M2-8	5.5	7.5	13.6	720	83.0	0.74	2.0	6.0	2.0
Y2-160L-8	7.5	10	17.8	720	85.5	0.75	2.0	6.0	2.0
Y2-180L-8	11	15	25.1	730	87.5	0.76	2.0	6.6	2.0
Y2-200L-8	15	20	34.1	730	88.0	0.76	2.0	6.6	2.0
Y2-225S-8	18.5	25	40.6	720	90.0	0.76	1.9	6.6	2.0
Y2-225M-8	22	30	47.4	730	90.5	0.78	1.9	6.6	2.0
Y2-250M-8	30	40	64.0	735	91.0	0.79	1.9	6.6	2.0
Y2-280S-8	37	50	77.2	730	91.5	0.79	1.9	6.6	2.0
Y2-280M-8	45	60	92.9	730	92.0	0.79	1.9	6.6	2.0
Y2-315S-8	55	75	111.2	740	92.8	0.81	1.8	6.6	2.0
Y2-315M-8	75	100	151.2	740	93.0	0.81	1.8	6.6	2.0
Y2-315L1-8	90	125	177.8	740	93.8	0.82	1.8	6.6	2.0
Y2-315L2-8	110	150	216.8	740	94.0	0.82	1.8	6.4	2.0
Y2-355M1-8	132	180	260.2	740	93.7	0.82	1.8	6.4	2.0
Y2-355M2-8	160	220	309.9	740	94.2	0.82	1.8	6.4	2.0
Y2-355L-8	200	270	386.2	740	94.5	0.83	1.8	6.4	2.0
380V 50Hz Synchronous Speed600 r/min(10poles)									
Y2-315S-10	45	60	99.6	565	91.5	0.75	1.5	6.2	2.0
Y2-315M-10	55	75	121.1	565	92.0	0.75	1.5	6.2	2.0
Y2-315L1-10	75	100	162.1	565	92.5	0.76	1.5	6.2	2.0
Y2-315L2-10	90	20	191	565	93.0	0.77	1.5	6.2	2.0
Y2-355MI-10	110	150	229.9	570	93.2	0.78	1.3	6.0	2.0
Y2-355M2-10	132	180	275	570	93.5	0.78	1.3	6.0	2.0
Y2-355L-10	160	220	333.3	570	93.5	0.78	1.3	6.0	2.0

AIPseries

Gost Standard Three Phase Induction Motor

ЭЛЕКТРОДВИГАТЕЛЬ ПО СТАНДАРТУ ГОСТ

LANDTOPS



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Электродвигатели синхронные унифицированы трехфазные АИР в зависимости от способа монтажа выпускаются в трех основных исполнениях. Основные габаритные, монтажные и посадочные размеры данных исполнений можно увидеть на примере двигателя АИР модели 56-100L в исполнении IM1081 (на лапах с подшипниковыми щитами), IM2081 (на лапах с подшипниковыми щитами и фланцем со стороны привода), IM3081 (без лап с подшипниковыми щитами и фланцем со стороны привода) в ниже приведенной таблице.

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

ТИП ЭД	ПОЛЮСОВ	ГАБАРИТНЫЕ РАЗМЕРЫ				УСТАНОВОЧНЫЕ И ПРИСОЕДИНИТЕЛЬНЫЕ РАЗМЕРЫ																
		I30	h31	d30	d24	b10	b10	I31	d1	I1	b1	h5	h1	h	d10	d25	I22	I139	I20	d22	n	
		L	HD	AC	P	A	B	C	D	E	F	GA	GD	H	K	M	N	R	T	S	N	
АИР 56А	2,4	218	165	120	105	90	71	36	11	23	4	12,5	4	56	5.8	85	70	0	2.5	M5/M6	4	
АИР 56В	2,4	218	165	120	105	90	71	36	11	23	4	12,5	4	56	5.8	85	70	0	2.5	M5/M6	4	
АИР 63А	2,4,6	250	180	140	120	100	80	40	14	30	5	16	5	63	5.8	100	80	0	3	M5/M6	4	
АИР 63В	2,4,6	250	180	140	120	100	80	40	14	30	5	16	5	63	5.8	100	80	0	3	M5/M6	4	
АИР 71А	2,4,6	295	205	155	105	112	90	45	19	40	8	21,5	6	71	7	85	70	0	2.5	M6	4	
АИР 71В	2,4,6,8	295	205	155	105	112	90	45	19	40	8	21,5	6	71	7	85	70	0	2.5	M6	4	
АИР 80МА	2,4,6,8	320	230	176	120	125	100	50	22	50	6	24,5	6	80	10	100	80	0	3	M6	4	
АИР 80МВ	2,4,6,8	350	230	176	120	125	100	50	22	50	6	24,5	6	80	10	100	80	0	3	M6	4	
АИР 90ЛА	2,4,6,8	380	245	185	140	140	125	56	24	50	8	27	7	90	10	115	95	0	3	M8	4	
АИР 90ЛВ	8	380	245	185	140	140	125	56	24	50	8	27	7	90	10	115	95	0	3	M8	4	
АИР 100S	2,4	390	275	215	160	180	112	63	28	60	8	31	7	100	12	130	110	0	3.5	M8	4	
АИР 100L	2,4,6,8	430	275	215	160	180	140	63	28	60	8	31	7	100	12	130	110	0	3.5	M8	4	

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

ТИП ЭД	ПОЛЮСОВ	ГАБАРИТНЫЕ РАЗМЕРЫ				УСТАНОВОЧНЫЕ И ПРИСОЕДИНИТЕЛЬНЫЕ РАЗМЕРЫ																
		I30	h31	d30	d24	b10	b10	I31	d1	I1	b1	h5	h1	h	d10	d25	I22	I139	I20	d22	n	
		L	HD	AC	P	A	B	C	D	E	F	GA	GD	H	K	M	N	R	T	S	N	
АИР 56А	2,4	216	165	120	140	90	71	36	11	23	4	12,5	4	56	5.8	115	95	0	3	10	4	
АИР 56В		216	165	120	140	90	71	36	11	23	4	12,5	4	56	5.8	115	95	0	3	10	4	
АИР 63А	2,4,6	250	180	140	160	100	80	40	14	30	5	16	5	63	5.8	130	110	0	3.5	10	4	
АИР 63В		250	180	140	160	100	80	40	14	30	5	16	5	63	5.8	130	110	0	3.5	10	4	
АИР 71А	2,4,6	295	205	155	200	112	90	45	19	40	6	21,5	6	71	7	165	130	0	3.5	12	4	
АИР 71В	2,4,6,8	295	205	155	200	112	90	45	19	40	6	21,5	6	71	7	165	130	0	3.5	12	4	
АИР 80А	2,4,6,8	320	230	176	200	125	100	50	22	50	6	24,5	6	80	10	165	130	0	3.5	12	4	
АИР 80В		350	230	176	200	125	100	50	22	50	6	24,5	6	80	10	165	130	0	3.5	12	4	
АИР 90LА	2,4,6,8	380	245	185	250	140	125	56	24	50	8	27	7	90	10	215	180	0	4	15	4	
АИР 90LВ	8	380	245	185	250	140	125	56	24	50	8	27	7	90	10	215	180	0	4	15	4	
АИР 100S	2,4	390	275	215	250	160	112	63	28	60	8	31	7	100	12	215	180	0	4	15	4	
АИР 100L	2,4,6,8	430	275	215	250	160	140	63	28	60	8	31	7	100	12	215	180	0	4	15	4	
АИР 112МА	2,4,6,8	470	300	240	300	190	140	70	32	80	10	35	8	112	12	265	230	0	4	15	4	
АИР 112МВ	6,8	470	300	240	300	190	140	70	32	80	10	35	8	112	12	265	230	0	4	15	4	
АИР 132S	4,6,8	520	355	283	350	216	140	89	38	80	10	41	8	132	12	300	250	0	5	19	4	
АИР 132М	2,4,6,8	520	355	283	350	216	178	89	38	80	10	41	8	132	12	300	250	0	5	19	4	
АИР 160S	2	670	435	330	350	254	178	108	42	110	12	45	8	160	15	300	250	0	5	19	4	
	4,6,8	670	435	330	350	254	178	108	48	110	14	51,5	9	160	15	300	250	0	5	19	4	
АИР 160М	2	715	435	330	350	254	210	108	42	110	12	45	8	160	15	300	250	0	5	19	4	
	4,6,8	715	435	330	350	254	210	108	48	110	14	51,5	9	160	15	300	250	0	5	19	4	
АИР 180S	2	769	455	380	400	279	203	121	48	110	14	51,5	9	180	15	350	300	0	5	19	4	
	4	769	455	380	400	279	203	121	55	110	16	59	10	180	15	350	300	0	5	19	4	
АИР 180М	2	769	455	380	400	279	241	121	48	110	14	51,5	9	180	15	350	300	0	5	19	4	
	4,6,8	769	455	380	400	279	241	121	55	110	16	59	10	180	15	350	300	0	5	19	4	
АИР 200М	2	180	505	420	450	318	267	133	55	110	16	59	10	200	19	400	350	0	5	19	8	
	4,6,8	810	505	420	450	318	267	133	60	140	18	64	11	200	19	400	350	0	5	19	8	
АИР 200L	2	780	505	420	450	318	305	133	55	110	16	59	10	200	19	400	350	0	5	19	8	
	4,6,8	810	505	420	450	318	305	133	60	140	18	64	11	200	19	400	350	0	5	19	8	
АИР 225М3	2	885	560	470	550	356	311	149	55	110	16	59	10	225	19	500	450	0	5	19	8	
	4,6,8	885	560	470	550	356	311	149	65	140	18	69	11	225	19	500	450	0	5	19	8	
АИР 250S	2	981	635	510	550	408	311	168	65	140	18	69	11	250	24	500	450	0	5	19	8	
	4,6,8	981	635	510	550	408	311	168	75	140	20	79,5	12	250	24	500	450	0	5	19	8	
АИР 250М	2	1031	615	510	550	408	349	168	65	140	18	69	11	250	24	500	450	0	5	19	8	
	4,6,8	1031	615	510	550	408	349	168	75	140	20	79,5	12	250	24	500	450	0	5	19	8	
АИР 280S	2	1146	698	580	660	457	368	190	70	140	20	74,5	12	280	24	600	550	0	6	24	8	
	2,6,8	1146	698	580	660	457	368	190	80	170	22	85	14	280	24	600	550	0	6	24	8	
АИР 280М	2	1197	680	580	660	457	419	190	70	140	20	74,5	12	280	24	600	550	0	6	24	8	
	4,6,8	1197	680	580	660	457	419	190	80	170	22	85	14	280	24	600	550	0	6	24	8	
АИР 315S	2	1318	870	650	660	508	406	216	75	140	20	79,5	12	315	28	600	550	0	6	24	8	
	4,6,8,10	1318	870	650	660	508	406	216	90	170	25	95	14	315	28	600	550	0	6	24	8	
АИР 315М	2	1325	870	650	660	508	457	216	75	140	20	79,5	12	315	28	600	550	0	6	24	8	
	4,6,8,10	1325	870	650	660	508	457	216	90	170	25	95	14	315	28	600	550	0	6	24	8	

AIPseries

Gost Standard Three Phase Induction Motor

LANDTOPS

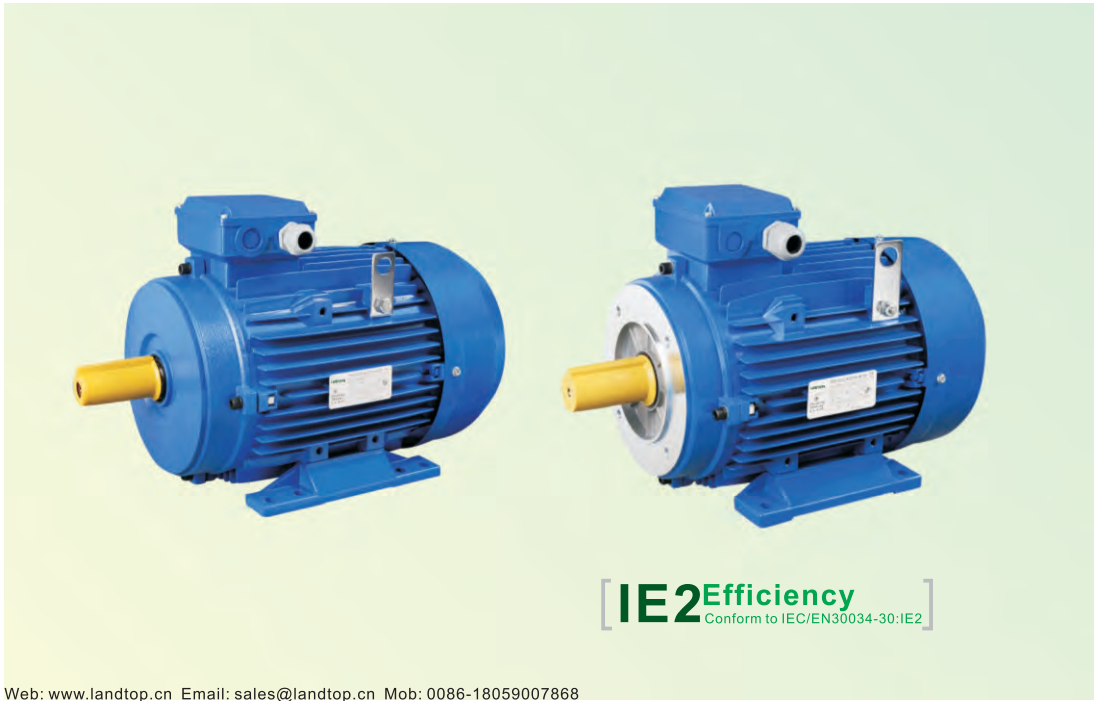
ТИПЭД	рн, кВт	п, об/мин.	к п д, %	COS φ	In,A(U=380В)	КРАТНОСТН			Масса,kr
						In/IH	Mm/MH	Mn/MH	
MODEL	Pated Power kw	Rated Speed 1/min	Efficiency %	Power factor	In,A(U=380В)	IS/In	Tmax/Tn	Ts/Tn	Weight,kg
P=2,n=3000 о6.MNH.									
АИР 56А2	0,18	2700	65,7	0,77	0,55	5,3	2,2	2,2	4,7
АИР 56В2	0,25	2720	68,0	0,78	0,73	5,3	2,2	2,2	5,1
АИР 63А2	0,37	2730	69,7	0,81	1,00	5,7	2,2	2,2	5,5
АИР 63В2	0,55	2770	72,7	0,82	1,40	5,7	2,3	2,2	6,4
АИР 71А2	0,75	2820	74,0	0,83	1,90	6,1	2,3	2,2	8,6
АИР 71В2	1,1	7920	77,6	0,83	2,70	6,7	2,3	2,2	96
АИР 80МА2	1,5	2830	78,1	0,84	3,60	7,0	2,3	2,2	15,5
АИР 80МВ2	2,2	2840	80,6	0,85	5,00	7,0	2,3	2,2	19,5
АИР 90L2	3,0	2845	83,4	0,86	6,50	7,2	2,3	2,2	254
АИР 100S2	4,0	2870	83,7	0,88	840	7,5	2,3	2,2	33
АИР 100L2	5,5	2870	84,8	0,89	11,0	7,5	2,3	2,2	38
АИР 112М2	7,5	2880	85,4	0,88	15,2	7,2	2,4	2,2	49
АИР 132М2	11,0	2900	87,4	0,90	21,8	7,2	2,3	2,2	83
АИР 160S2	15,0	2925	88,4	0,88	30,0	7,1	2,4	2,2	120
АИР 160М2	18,5	2925	89,3	0,89	36,3	7,1	2,4	2,2	140
АИР 180S2	22	2940	89,8	0,90	42,7	7,2	2,5	2,0	174
АИР 180М2	30	2940	90,7	0,90	56,9	7,3	2,5	2,1	203
АИР 200М2	37	2940	91,2	0,89	71,0	7,1	2,4	2,1	247
АИР 200L2	45	2945	91,8	0,89	84,9	7,1	2,4	2,1	255
АИР 225М2	55	2960	92,0	0,90	103	7,1	2,4	2,1	325
АИР 250S2	75	2970	92,6	0,90	139	6,9	2,6	2,0	450
АИР 250М2	90	2970	92,5	0,90	167	6,4	2,5	2,0	530
АИР 280S2	110	2970	93,4	0,91	201	6,7	2,3	1,9	650
АИР 280М2	132	2975	93,5	0,91	240	6,4	2,4	1,9	700
АИР 315S2	160	2975	94,4	0,91	289	6,7	2,3	1,9	1170
АИР 315М2	200	2975	94,7	0,92	358	6,6	2,3	1,9	1460
P=4,n=1500 о6.MNH									
АИР 56А4	0,12	1325	56,5	0,66	0,50	4,6	2,2	2,1	4,5
АИР 56В4	0,18	1325	61,2	0,68	0,70	4,9	2,2	2,1	5,1
АИР 63А4	0,25	1325	64,5	0,73	0,82	5,1	2,2	2,1	5,6
АИР 63В4	0,37	1325	66,3	0,76	1,12	5,1	2,2	2,1	6,4
АИР 71А4	0,55	1350	70,0	0,73	1,75	5,4	2,3	2,2	8,2
АИР 71В4	0,75	1360	71,3	0,77	2,20	5,7	2,3	2,2	9,6
АИР 80МА4	1,1	1375	74,5	0,76	304	5,8	2,3	2,3	16,0
АИР 80МВ4	1,5	1390	77,5	0,78	3,95	6,2	2,3	2,3	19,5
АИР 90L4	2,2	1400	80,0	0,81	5,30	6,8	2,3	2,3	25,0
АИР 100S4	3,0	1420	81,4	0,82	7,20	7,0	2,3	2,3	34,0
АИР 100L4	4,0	1420	82,8	0,81	9,30	7,0	2,3	2,3	37,0
АИР 112М4	5,5	1430	84,1	0,82	12,3	6,6	2,3	2,3	55,0
АИР 132S4	75	1440	86,0	0,84	16,1	6,7	2,3	2,2	76
АИР 132М4	11,0	1450	87,1	0,84	23,1	6,8	2,3	2,2	88
АИР 160S4	15,0	1455	88,7	0,85	30,8	6,8	2,3	2,2	138
АИР 160М4	18,5	1455	89,8	0,86	37,8	6,8	2,3	2,2	142
АИР 180S4	22	1465	90,6	0,86	44,4	7,0	2,4	2,1	177
АИР 180М4	30	1465	91,2	0,86	59,6	6,8	2,3	2,1	190
АИР 200М4	37	1470	92,0	0,87	73,1	7,0	2,3	2,2	247
АИР 200L4	45	1465	92,3	0,87	884	6,9	2,4	2,2	260
АИР 225М4	55	1480	92,4	0,87	106	6,7	2,3	2,2	326
АИР 250S4	75	1475	92,9	0,86	146	6,9	2,3	2,2	477
АИР 250М4	90	1475	93,3	0,87	170	6,4	2,4	2,2	485
АИР 280S4	110	1480	93,8	0,88	207	6,6	2,2	2,1	731
АИР 280М4	132	1480	93,8	0,88	244	6,7	2,3	2,3	710
АИР 315S4	160	1480	94,8	0,89	297	6,8	2,4	2,3	1053
АИР 315М4	200	1480	95,0	0,89	369	6,4	2,4	2,2	1243

ТИПЭД	рн, кВт	п, об/мин.	к п д, %	COS φ	In,A(U=380В)	КРАТНОСТН			Масса,kr
						In/IH	Mm/MH	Mn/MH	
MODEL	Pated Power kw	Rated Speed 1/min	Efficiency %	Power factor	In,A(U=380В)	IS/In	Tmax/Tn	Ts/Tn	Weight,kg
P=6,n=1000 о6.MNH.									
АИР 63А6	0,18	860	55,5	0,64	0,80	4,1	2,0	1,9	6,4
АИР 63В6	0,25	860	58,3	0,65	1,10	4,0	2,0	1,9	7,2
АИР 71А6	0,37	895	62,8	0,68	1,33	4,7	2,0	1,9	8,8
АИР 71В6	0,55	895	65,7	0,70	1,90	4,7	2,0	1,9	9,8
АИР 80МА6	0,75	910	69,0	0,72	2,29	5,3	2,1	2,0	16,7
АИР 80МВ6	1,1	910	72,1	0,74	3,18	5,3	2,1	2,0	20,0
АИР 90L6	1,5	920	76,0	0,74	4,20	5,0	2,1	2,0	25,0
АИР 100L6	2,2	930	77,1	0,76	5,90	5,3	2,1	2,0	390
АИР 112МА6	3,0	935	80,1	0,76	7,90	5,7	2,2	2,1	46
АИР 112МВ6	4,0	935	80,7	0,77	10,3	5,7	2,1	2,1	50
АИР 132S6	5,5	955	82,8	0,78	13,4	6,3	2,1	2,1	75
АИР 132М6	7,5	960	84,1	0,80	17,2	6,2	2,2	2,1	145
АИР 160S6	11,0	965	86,8	0,79	24,6	6,3	2,2	2,0	4141
АИР 160М6	15,0	965	88,2	0,81	33,0	6,5	2,2	2,0	155
АИР 180М6	18,5	970	88,9	0,82	39,0	6,6	2,1	2,1	200
АИР 200М6	22	975	89,7	0,83	45,0	6,3	2,2	2,1	233
АИР 200L6	30	975	89,8	0,84	61,8	6,5	2,2	2,1	250
АИР 225S6	37	980	91,3	0,85	73,5	6,6	2,1	2,1	360
АИР 225М6	45	980	92,0	0,85	90,1	6,7	2,2	2,1	465
АИР 250S6	55	985	92,4	0,84	110	6,8	2,3	2,2	520
АИР 280S6	75	985	93,0	0,85	150	6,6	2,1	2,0	800
АИР 280М6	90	985	92,9	0,85	177	6,6	2,2	2,2	800
АИР 315S6	110	985	94,2	0,86	207	6,3	2,2	2,0	1045
АИР 315М6	132	985	94,4	0,87	244	6,1	2,2	2,0	1103
P=8,n=750о6.MNH									
АИР 71В8	0,25	655	56,5	0,60	1,17	3,7	1,9	1,8	90,1
АИР 80МА8	0,37	675	60,1	0,62	1,50	4,3	1,9	1,8	18,0
АИР 80МВ8	0,55	675	62,9	0,62	2,18	4,0	2,0	1,8	18,9
АИР 90L8	0,75	685	72,4	0,70	2,33	4,0	2,0	1,9	30,0
АИР 90LВ8	1,1	685	73,0	0,69	3,27	4,0	2,0	1,9	26
АИР 100L8	1,5	690	73,5	0,72	4,50	4,7	2,0	1,9	38
АИР 112МА8	2,2	700	75,6	0,71	6,40	4,9	2,1	2,0	46,0
АИР 112МВ8	3,0	700	76,9	0,71	8,60	5,0	2,1	2,0	53,0
АИР 132S8	4,0	715	81,9	0,78	10,8	5,6	2,1	2,1	82
АИР 132М8	5,5	715	80,9	0,74	14,7	5,6	2,1	2,1	90
АИР 160S8	7,5	720	85,2	0,74	19,2	5,8	2,1	2,0	148
АИР 160М8	11,0	720	86,4	0,76	27,3	5,8	2,1	2,0	155
АИР 180М8	15,0	725	87,6	0,78	34,5	6,2	2,0	2,0	210
АИР 200М8	18,5	730	89,0	0,78	41,6	6,2	2,1	1,9	250
АИР 200L8	22	730	89,6	0,78	49,4	6,2	2,1	2,0	260
АИР 225М8	30	735	90,6	0,78	65,3	6,5	2,1	2,0	360
АИР 250S8	37	735	90,5	0,77	82,1	6,2	2,3	2,1	465
АИР 250М8	45	735	91,5	0,77	99,1	6,2	2,3	2,1	520
АИР 280S8	55	735	92,0	0,80	121	6,0	2,0	1,9	725
АИР 280М8	75	740	92,0	0,81	154	5,8	2,1	1,9	800
АИР 315S8	90	740	93,8	0,82	178	6,2	2,3	2,0	1160
АИР 315М8	110	740	94,0	0,82	217	6,1	2,2	2,0	1175

ME series

High Efficiency Aluminium Housing Three Phase Induction Motors

LANDTOPS



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

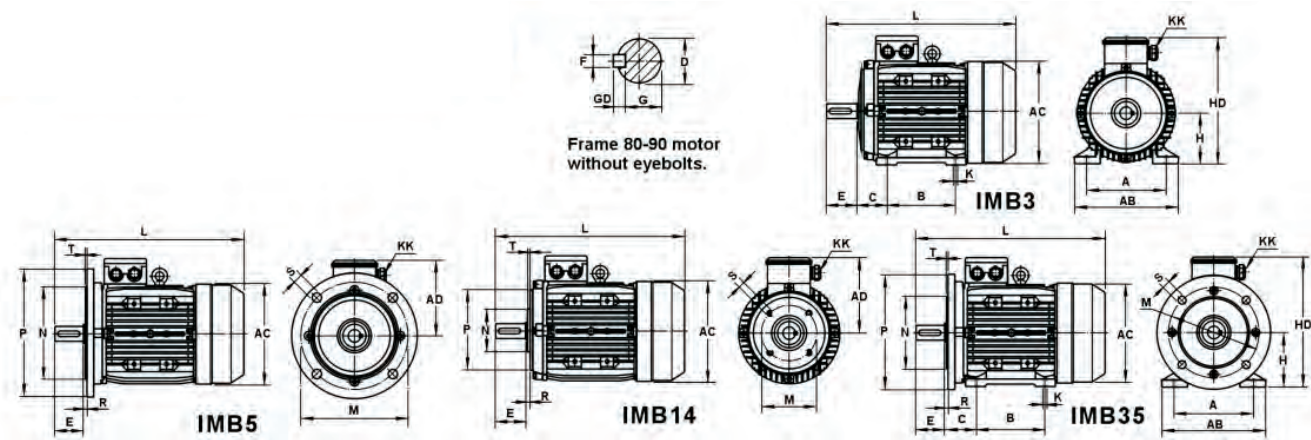
TECHNICAL CHARACTERISTICS

- Rated outputs and frame sizes in accordance with IEC60034 standards
- Duty type S1(continuous duty) with sufficient thermal margin to withstand short overload,
- Enclosure protection Ip55
- Insulation class F
- Maximum ambient 40℃
- Altitude1000 m a.s.l.

GENERAL SPECIFICATIONS

- Terminal box rotates 4 x 90
- Enclosed shaft key
- Removable feet, multi mount-terminal box left or right hand side

Overall and mounting dimension



Type	Mounting Dimension (mm)																					Overall Dimension (mm)						
	IMB3 Foot Mounting										IMB5 Flange						IMB14 Face											
	A	B	C	D	E	F	GD	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L	KK
80M	125	100	50	19	40	6	6	15.5	80	10.0	165	130	200	0	12.0	3.5	100	80	120	0	M6	3.0	162	157	135	215	305	M20x1.5
90S	140	100	56	24	50	8	7	20.0	90	10.0	165	130	200	0	12.0	3.5	115	95	140	0	M8	3.0	176	175	145	235	325	M20x1.5
90L	140	125	56	24	50	8	7	20.0	90	10.0	165	130	200	0	12.0	3.5	115	95	140	0	M8	3.0	176	175	145	235	325	M20x1.5
100L	160	140	63	28	60	8	7	24.0	100	12.0	215	180	250	0	14.5	4.0	130	110	160	0	M8	3.5	205	200	155	255	395	M20x1.5
112M	190	140	70	28	60	8	7	24.0	112	12.0	215	180	250	0	14.5	4.0	130	110	160	0	M8	3.5	220	221	175	287	400	M25x1.5
132S	216	140	89	38	80	10	8	33.0	132	12.0	265	230	300	0	14.5	4.0	165	130	200	0	M10	3.5	255	260	193	325	485	M25x1.5
132M	216	178	89	38	80	10	8	33.0	132	12.0	265	230	300	0	14.5	4.0	165	130	200	0	M10	3.5	255	260	193	325	510	M25x1.5
160M	254	210	108	42	110	12	8	34.0	160	14.5	300	250	350	0	18.5	5.0	215	180	250	0	M12	4.0	295	315	235	395	610	M32x1.5
160L	254	254	108	42	110	12	8	37.0	160	14.5	300	250	350	0	18.5	5.0	215	180	250	0	M12	4.0	295	315	235	395	610	M32x1.5

NOTE:1.IMB35 refer to the dimensions of IMB3 and IMB5.
2.Mounting dimensions comply with IEC60072-1, EN50347.
3.Tolerance of Shaft End Diameter D: Φ28 and below:j6;
4.Tolerance of Shaft Centre Height H:+0,-0.5.
5.Tolerance of N:j6.

Technical data

Type	Output (kW)	Current (A)	Speed (r/min)	Eff.(%)			Power factor	Tst/Tn	Ist	Tst	Tmax/Tn	Rotor Inertia (kg-m2)	Sound Power dB(A)	Approx. Weight IMB3(kg)
				100%	75%	50%								
ME80M1-2	0.75	1.7	2805	77.4	77.9	77.1	0.83	2.55	6.8	2.3	2.3	0.0008	74	9.5
ME80M2-2	1.1	2.4	2840	79.6	80.1	79.0	0.83	3.70	7.3	2.3	2.3	0.0010	74	11
ME90S-2	1.5	3.2	2855	81.3	81.8	80.7	0.84	5.02	7.6	2.3	2.3	0.0021	78	13.5
ME90L-2	2.2	4.5	2845	83.2	83.7	83.2	0.85	7.38	7.8	2.3	2.3	0.0025	78	16
ME100L-2	3	5.9	2880	84.6	85.1	84.6	0.87	9.95	8.1	2.3	2.3	0.0039	82	25.5
ME112M-2	4	7.6	2895	85.8	86.3	85.2	0.88	13.2	8.3	2.3	2.3	0.0067	83	32.5
ME132S1-2	5.5	10.4	2920	87.0	87.4	86.4	0.88	18.0	8.0	2.2	2.3	0.0135	85	45
ME132S2-2	7.5	13.8	2915	88.1	88.6	88.5	0.89	24.6	7.8	2.2	2.3	0.0163	85	52
ME160M1-2	11	20.0	2940	89.4	89.6	88.3	0.89	35.7	7.9	2.2	2.3	0.0497	87	87
ME160M2-2	15	26.9	2935	90.3	90.6	90.1	0.89	48.8	8.0	2.2	2.3	0.0605	87	98
ME160L-2	18.5	33.0	2940	90.9	91.3	90.7	0.89	60.1	8.1	2.2	2.3	0.0697	87	108
ME80M2-4	0.75	1.8	1410	79.6	80.1	79.6	0.75	5.08	6.5	2.3	2.3	0.0019	66	11.5
ME90S-4	1.1	2.6	1435	81.4	81.9	80.4	0.75	7.32	6.6	2.3	2.3	0.0035	66	15
ME90L-4	1.5	3.5	1430	82.8	83.3	81.6	0.75	10.0	6.9	2.3	2.3	0.0040	66	16.5
ME100L1-4	2.2	4.7	1450	84.3	84.8	83.4	0.81	14.5	7.5	2.3	2.3	0.0081	70	25
ME100L2-4	3	6.2	1450	85.5	86.0	85.5	0.82	19.8	7.6	2.3	2.3	0.0106	70	29
ME112M-4	4	8.1	1450	86.6	86.8	85.9	0.82	26.3	7.7	2.3	2.3	0.0150	72	39
ME132S-4	5.5	11.0	1455	87.7	88.0	87.7	0.82	36.1	7.5	2.0	2.3	0.0287	75	50.5
ME132M-4	7.5	14.7	1455	88.7	88.9	88.7	0.83	49.2	7.4	2.0	2.3	0.0365	75	59.5
ME160M-4	11	21.0	1460	89.8	89.9	89.9	0.84	72.0	7.5	2.2	2.3	0.0846	77	90
ME160L-4	15	28.1	1460	90.6	90.8	90.6	0.85	98.1	7.5	2.2	2.3	0.1066	77	105
ME90S-6	0.75	2.0	945	75.9	76.0	73.9	0.72	7.58	5.8	2.1	2.1	0.0045	63	13
ME90L-6	1.1	2.8	945	78.1	78.2	76.2	0.73	11.1	5.9	2.1	2.1	0.0058	63	16
ME100L-6	1.5	3.7	955	79.8	80.0	79.8	0.74	15.0	6.0	2.1	2.1	0.0150	64	27
ME112M-6	2.2	5.2	950	81.8	81.9	81.8	0.74	22.1	6.0	2.1	2.1	0.0174	70	30
ME132M1-6	3	7.0	955	83.3	83.5	83.1	0.74	30.0	6.2	2.0	2.1	0.0386	73	42.5
ME132M1-6	4	9.2	965	84.6	84.7	84.4	0.74	39.6	6.8	2.0	2.1	0.0522	73	51
ME132M2-6	5.5	12.3	965	86.0	86.0	85.8	0.75	54.4	7.1	2.0	2.1	0.0709	73	65
ME160M-6	7.5	16.1	970	87.2	87.4	87.1	0.77	73.8	6.7	2.1	2.1	0.1073	73	89
ME160L-6	11	22.9	970	88.7	88.8	88.4	0.78	108.3	7.2	2.1	2.1	0.1460	73	109

NOTE:1.Efficiencies conform to IEC/EN60034-30 IE2
2.Data is based on tests to IEC/EN60034-2-1
3.Tolerance:IEC/EN60034-1