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三相异步电动机

SERIES THREE PHASE INDUCTION MOTORS

东元N系列标准电机

TeconSeries Standard Motor
IEC-60034-30-1 2014/IE2
GB18613-2012/GB3

东元N系列高效率电机

TeconSeries High Efficiency Motor
IEC-60034-30-1 2014/IE3
GB18613-2012/GB2

<http://www.tecochina.net>

东元集团简介

东元电机创立于1956年，以制造马达起家，至今东元集团已跨入重电、家电、信息、通讯、电子关键零组件、基础工程建设、金融投资及餐饮等多面向的发展领域，更积极参与国家重大工程建设，目前事业版图横跨全球5大洲、近50国。未来，东元将持续深耕核心事业，朝向智能化产品、提供系统解决方案等高附加价值方向积极发展，并致力于高科技事业之拓展，以「节能、减排、智能、自动」为目标，建构一个宏观、高质量的国际级品牌。

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所列产品内容仅供您参考，如有变更将不另行通知。

All date presented is for reference only and subject to change without notice



东元历史

- 1956年 东元电机股份有限公司成立于台湾三重市。
- 1965年 新庄厂设置为台湾第一座自动化电机生产工厂。
- 1966年 工具工厂成立（现为生产技术处）。
- 1973年 淡水厂启用，生产冷气机、电视机、电冰箱等家电产品。
- 1979年 中场一厂建厂完成，导入全新自动化设备生产电机。
- 1983年 观音厂启用，生产电视机、高级电子产品及电脑周边设备。
- 1987年 中场二厂建厂完成，与西屋合作生产超大型电机。
- 1991年 观音冷气厂建厂完成，导入全新自动化生产家电产品。
- 1991年 马来西亚厂建厂完成。1994年的观音压缩机厂建厂完成。
- 1995年 并购美国西屋(WESTINGHOUSE)电机厂。
- 2002年 无锡东元电机建厂。
- 2003年 无锡东元正式投产。
- 2004年 无锡东元金一厂建厂。
- 2004年 江西东元电机建厂。
- 2012年 成立上海东元德高电机有限公司，作为东元集团在中国主要的销售服务中心。
- 2016年 无锡东元精密机械建厂

CERTIFICATE

This is to certify that
WUXI TECO Electric & Machinery CO. LTD.
No. 9, Changjiang South Road, Wuxi
Jiangsu 214028
China
Unified Social Credit Code: 9132021334399532P
with the organizational units/sites as listed in the annex
has implemented and maintains a Quality Management System.

Scope:
The design and manufacture of motors. The manufacture of reducers.

Through an audit, documented in a report, it was verified that the management system
fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no. 50600242 QM15
Excerpt from certificate registration no. 20006560 QM15
Date of original certification 2019-01-02
Valid from 2019-01-02
Valid until 2022-01-01

DQS Inc.

Brad McGinnis

Brad McGinnis
Managing Director
Administrator Office DQS Inc., 1150 West Lake Cook Road, Suite 340, Buffalo Grove, IL 60089 USA
Administrative Office DQS Taiwan Inc., 8F, 23, Yuan Hean West Road, Feng Yuan Dist., Taichung City, Taiwan 437
Responsible Office DQS AP Ltd., 10F, No. 163, Tower 2, A.R.C.H., 533 Lou-shan-guan Road,
Chengdu, Sichuan 610041, China
The certificate can be verified at www.dqs.co.com as well as CNCA official website www.cnca.gov.cn.
The certificate will be valid only in case that the certificated organization undergoes successful periodic surveillance audit.



三相异步电动机

SERIES THREE PHASE INDUCTION MOTORS

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技术数据

种 类:三相异步电动机
设计依据: 国际电工委员会IEC60034;中国国家标准GB755
额定电压: 380V或其它电压
额定频率: 50HZ或60HZ
输出功率: 0.55~400kW
工 作 制: 连续工作制
机座号: 80~355C
防护等级:IP55
冷却方式:IC411
绝缘等级:F级绝缘
温升: S.F.1.0(50Hz)时采用电阻法考核定子绕组温升不超过80℃

安装方式:IMB3(水平脚座安装);IMB35(水平脚座安装带大法兰);
IMB5(水平法兰安装);MV1(立式轴向下) 及其它电动机参数和安
装尺寸参照附表。

●能效等级符合中国国家标准 GB18613-2012能效。频率50Hz以外
不在国家能效认证范围, 特性与IE特性有所差异, 本表以GB特性
为准

TECHNICAL DATA

Class:Three phase induction motors
Designstandard: IEC60034GB 755
Rated voltage: 380V or other voltage
Rated frequency:50Hzor 60Hz
Output range: 0.55~400kW
Time duty: Continuous S1(S.F1.0)
Frame Nos:80~355C
Protection enclosure:Totally enclosed(IP55)
Cooling method : Self external fan, Surface cooling(IC411)
Stator insulation: Class Finsulation system
Temperature rise: Not to Exceed 80 °C Rise by Resistance Methodat
S.F.1.0(50Hz)

Mounting: IMB3,IMB35,IMB5,IMV1 or others For typical performance
and dimensions of series motor refer to table hereunder.

● GB18613-2012,Frame frequency beyond 50Hz is not the part
of GB. If GBcharater does not correspond to IE, GB charater
governs.

适用条件

电源条件: 电压波动率±10%以内, 频率波动率±5%以内, 电压及
频率综合波动率10%以内, 但频率波动率不超过±5%.

使用场所: 室内、无危险气体环境

环境温度: -15~40°C

环境湿度: 相对湿度90%以下(但不能凝结)

海拔高魔: 海拔1000m以下

传动方式: 皮带轮传动, 但是2P 45kW及以上, 4、6&8P F#280
及以上使用联轴器。

旋转方向: 可双向旋转, 当电源相序与电动机出线端标志字母一致
时, 面向轴伸端看为顺时针方向旋转。

起动方式: 全压直接起动或Y-△起动

涂装: GB3灰色Munsell 7.5B 3.5/0.5

GB2蓝色Munsell 5PB 3/8

要求: 安装联轴器或皮带轮请利用轴端攻牙压进迫入, 禁止以外力敲
击轴装安装, 如有特殊需要请另行洽询。

APPLICATION

Power source conditions: Voltage:±10%, Frequency:±5%,
and 10% Max.of Combined Voltage and Frequency . But Frequency
Variation Does Not Exceed +5%.

Place: In door, Non-hazardous

Ambient temperature: -15~40°C

Relative humidity: Less than 90%RH(Non-condensation)

Altitude: Less than 1,000 meters

Drive method: Belt Service, However ,2 Pole 45 kW and Up,

4、6&8Pole F# 280 and Above Coupling Service is the Way.

Direction of rotation: CW According to IEC Definition, Suitable
For Bi-Directional Operation.

Method of starting: Full voltage direct on line or Y-Astarting
painting: GB3 Blue Munsell 7.5B3.5/0.5

GB2 Purple-Munsell 5PB 3/8

Requirement: Basically, the coupling and belt should be heated and
pushed onto the shaft extention with slight axial force, Do not
hammer to prevent bearing damage. If need special requirement,
further discussion will be demanded

Drive method: Belt,direct coupling,gear and so on

电机特点

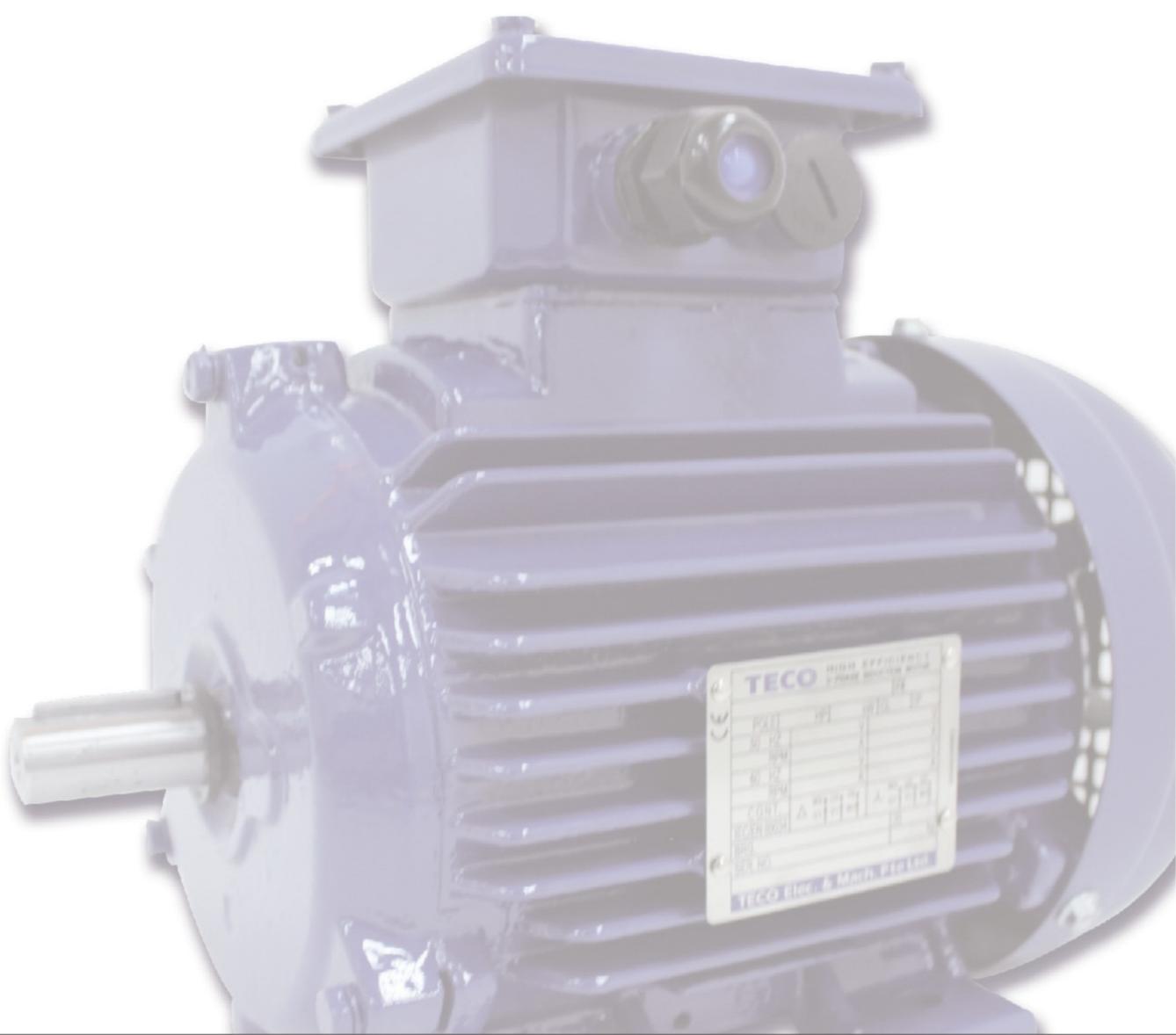
IP55防护结构,防尘,防水花及油沫,铸铁框架,结构强壮,符合国际标准,安全更具保障性

采用东元F级绝缘,耐热度高,抗电冲击强,绝缘寿命长,在恶劣环境下也能胜任

使用著名品牌之轴承,著名钢厂之硅钢片,性能更具保障

规范化的设计、优质的材料、先进的加工设备和完善的质量保证体系,这些表现在效率高振动小、噪声低、安全可靠

选用:依据客户需要可搭配热保护器, PTC,空间加热器, RTD,PT100及其它



CHARACTER

The protection enclosure is IP55, protect dust, drip and oil, Cast iron Frame strong configuration, which is accord to international standards and safety safeguarded further.

The stator insulation is class F of TECO insulation system with good heatproof quality, strong resistance to electrical sparks, long insulation life and can be competent in the bad environment.

These ranges use bearing famous brand company and the silicon steel sheet are come from famous national steel company.

Standardized design, high quality material, advanced processing equipment and consummation quality guarantee system, it is embody in the high efficiency, low vibrate and reliable safety. the thermistor, PTC, Heater, RTD, PT100 or others can be provided according to the needs of purchaser.

振动 Vibration

所有电动机转子都使用半键按照 A 级(标准)振动等级进行动态平衡。电动机在空载时测得振动速度有效值不超过下表中的 A 级所列值。

Rotors are dynamically balanced to severity grade A using a half key. Table below contains the effective vibration values for unloaded motors.

振动等级 Vibration grade	轴高 Shaft height/mm	80<H<132	132<H<280	H>280
		安装方式 Mounting	速度 毫米/秒 Velocity mm/s	速度 毫米/秒 Velocity mm/s
		自由悬置 Free suspension	1.6	2.2
	刚性安装 Rigid mounting	1.3	1.8	2.3

最高转速 Max. rpm

鼠笼型感应电动机的安全运行转速

除非铭牌上另行标明,否则电压为 1000V 及以下、机座号 355 及以下的所有单速三相笼型感应电动机应能在表列出的转速之内安全连续运行

电压 1000V 及以下三相笼型感应电动机最大安全运行转速

Safe running speed for the squirrel-cage induction motors. Unless otherwise the name plate specifies, all the squirrel-cage, 3 phase, induction motors lower than 1000V and smaller than 355 Frame Size can safely run continuously at the speed in the table below.

The safe Max. rpm for the squirrel-cage, 3 phase induction motors of 1000V or lower.

单位为转 / 每分钟 rpm/min

机座号 Frame Size	2极 2Pole	4极 4Pole	6极 6Pole	8极 8Pole
80	5200	3600	2400	1800
90	5200	3600	2400	1800
100	5200	3600	2400	1800
112	5200	3600	2400	1800
132	4500	2700	2400	1800
160	4500	2700	2400	1800
180	4500	2700	2400	1800
200	4500	2300	1800	1350
225	3600	2300	1800	1350
250	3600	2300	1800	1350
280	3600	2300	1800	1350
315	3600	2300	1800	1350
355	3600	2300	1800	1350

注: 当电动机高于额定转速以上运行时,例如,当应用调速控制时,其噪声和振动强度将会增大。要求电动机做精细的校平以满足在额定转速以上的加速能力。此外,轴承寿命可能会降低。应关注加油的间隔时间补充润滑油及其寿命。

——仅供参考

Note: When the motors run above the rated speed, for example, using in speed controller, the noise and vibration will increase. In this situation, the motors are required to be corrected to satisfy the acceleration ability above the rated speed. Besides, the bearing lifetime will decrease. Pay attention to the time for adding the oil and grease to insure its lifetime.

油脂寿命 Grease life (Horizontal installation)

机座号 Frame size	极数 Poles	润滑脂寿命 Grease lifetime up to CT 40°C
免加油润滑型轴承的润滑脂 Grease for permanent lubrication bearing		
80~225	2,4,6,8	20000 小时 (h)(B3 安装)
可再润滑型轴承的润滑脂 Grease for regreasable bearing		
250~280	2	3000 小时 (h)
250~280	4,6,8	8000 小时 (h)
315~355	2	2000 小时 (h)
315~355	4,6,8	4000 小时 (h)

注:

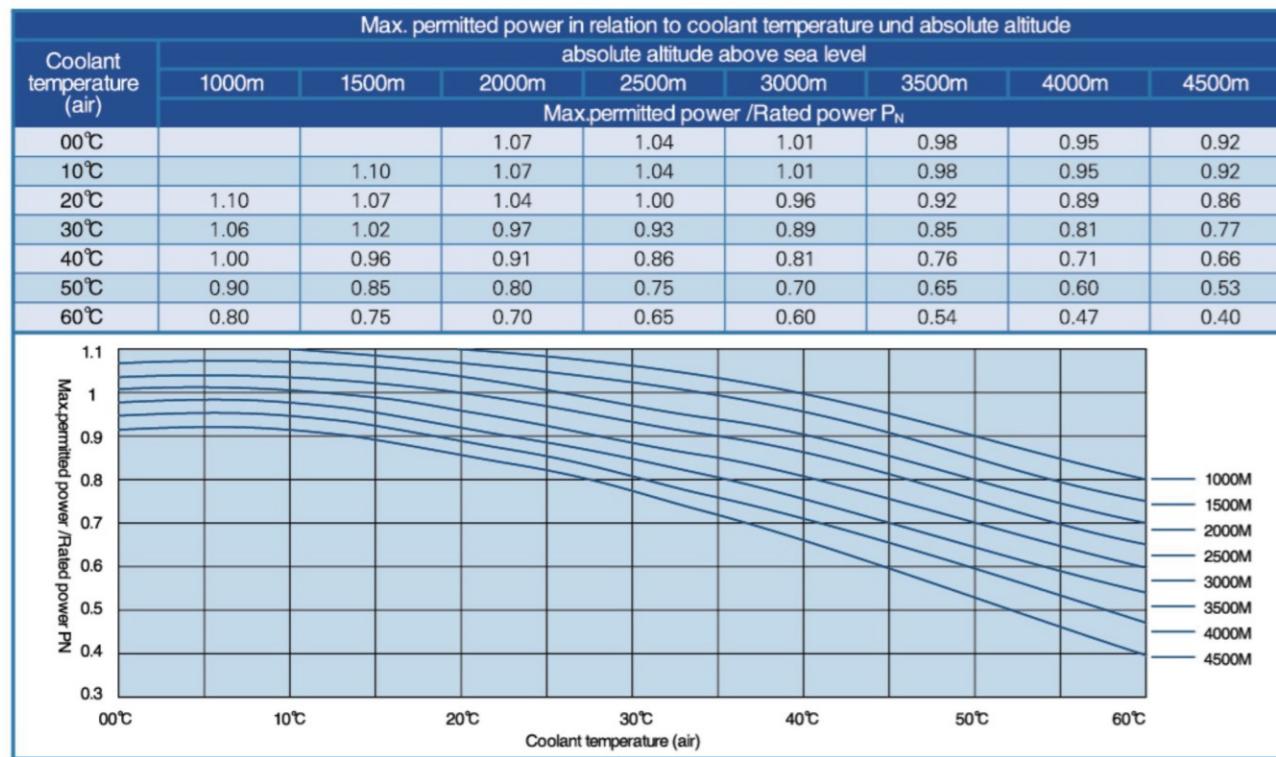
- 当环境温度每升高 10°C,润滑脂寿命以及再润滑时间缩短一半。
- 20000 小时适用于水平安装的轴传动。

Note:

- If the coolant temperature is increased by 10K, the grease lifetime and regreasing interval are halved.
- 20000 h apply to horizontally installed motors with coupling transmission.

海拔 Site altitude above sea level

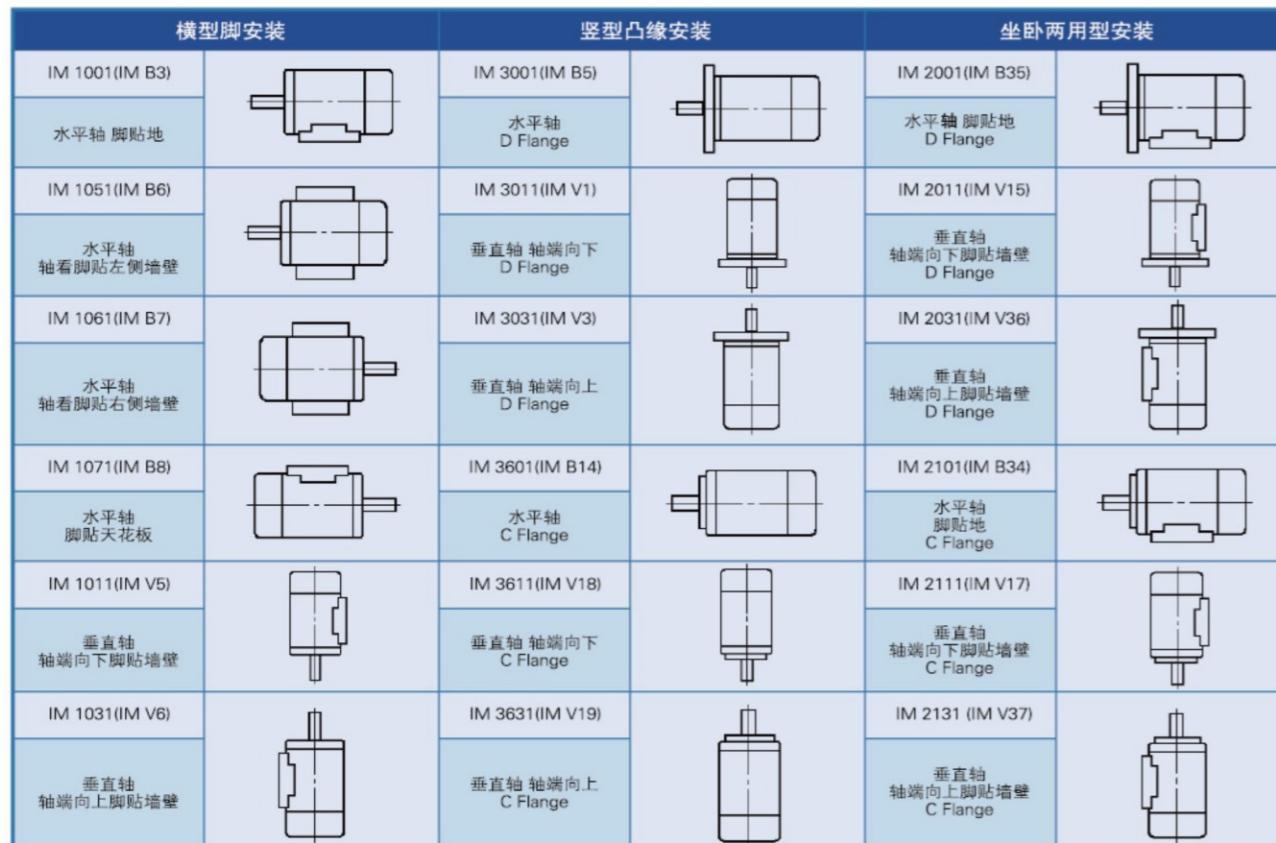
1. 电机对于环境温度及海拔高度的功率输出变化 The changes of the output of the motors for the environmental temperature and elevation.
 2. 可使用功率 = 额定功率 X 系数 % Available power = rated power X coefficient



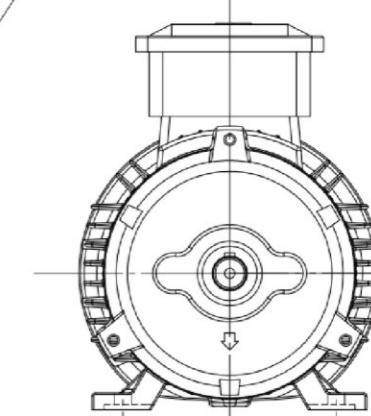
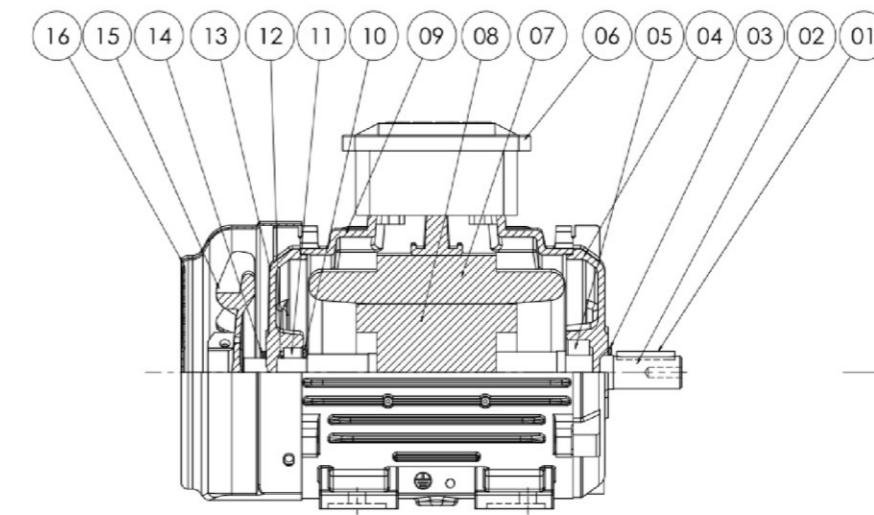
备注：高海拔地带，因空气稀薄，散热效果差，为防止马达过热烧毁，故须降低温升，保证马达能正常运转。

Note: In high altitude areas, due to the thin air, the effect of cooling is bad. The temperature rise must be decreased to prevent the motors from destroyed over temp to ensure the motors to run safely.

安装方式 (IM)



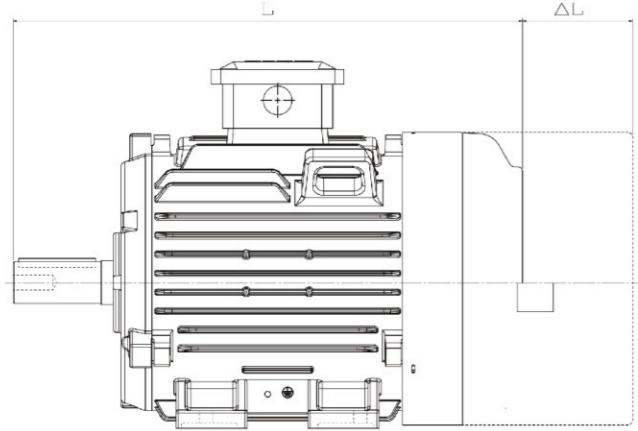
剖面图 Profile



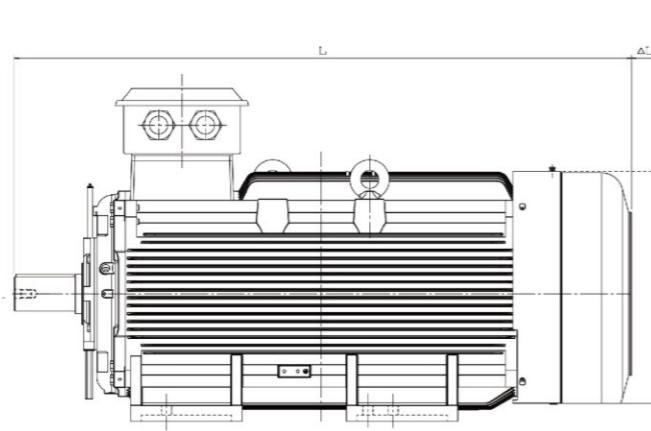
项目 ITEM	名称 NAME	项目 ITEM	名称 NAME
1	KEY (键)	9	FRAME (框架)
2	SHAFT (轴)	10	STOP RING-BEARING
3	V-Ring	11	BEARING (轴承)
4	BRACKET (盖)	12	PRE-LOAD SPRING
5	BEARING (轴承)	13	END BRACKET (端盖)
6	TERMINAL BOX (接线盒)	14	V-RING
7	STATOR (定子)	15	EXTERNAL FAN (风扇)
8	ROTOR (转子)	16	FAN COVER (风罩)

强冷风机资料

Force fan motors data



Fr#80~280



Fr#315~355

独立驱动风扇技术参数										
机座号 Frame size	极数 Pole	电压 Voltage	频率 Frequency (Hz)	功率 Rated output (W)	电流 Current Noise(A)	转速 Speed (r/min)	风量 Fan Power (m³/h)	风压 Fan Pressure (Pa)	▲L (mm)	
80	2-8P	380V	50	35	0.1	2800	58	60	105.5	
90	2-8P	380V	50	35	0.1	2800	91	80	108	
100	2-8P	380V	50	40	0.1	2800	142	80	100	
112	2-8P	380V	50	45	0.1	2800	229	80	82.5	
132	2-8P	380V	50	45	0.25	1400	337	35	121	
160	2-8P	380V	50	50	0.25	1400	609	40	105	
180	2-8P	380V	50	75	0.25	1400	686	55	119	
200	2-8P	380V	50	100	0.3	1400	1679	65	110	
225	2-8P	380V	50	120	0.35	1400	1786	70	171.5	
250	2-8P	380V	50	230	0.7	1400	1813	80	167.5	
280	2-8P	380V	50	250	0.75	1400	2415	85	104.5	
315	2-8P	380V	50	450	1.3	1390	6200	180	120(315S) 104(315ML)	
355	2-8P	380V	50	650	1.9	1390	6500	180	101(355ML) 85(355C)	

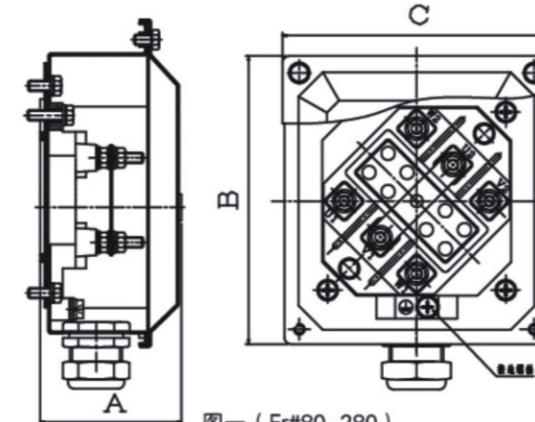


接线盒资料 (钢板材质)

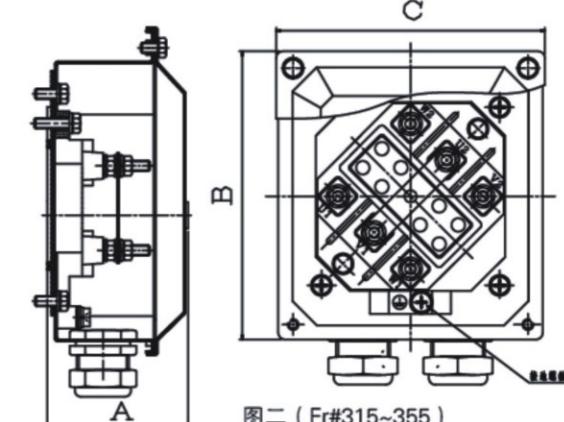
Terminal box data

加热器参数

Space Heater



图一 (Fr#80~280)



图二 (Fr#315~355)

机座号 Frame size	极数 Pole	接线盒技术参数							防潮加热带电气参数		
		端子数 Number of terminals	接线螺钉 Contact screw thread	外接电缆 直径 (mm) Outer cable diameter (sealing range)	进线孔尺寸 (格兰) Cable entry size	进线孔 数量	外形尺寸 Outline(mm)			防潮加热带型号 Spaces heater type	
80	2P	6	M4	6~12	Φ21	1	60	110	110	1Φ, 220V, 20W	
	4P-8P										
90	2P	6	M5	7~14	Φ26	1	68.5	127	120	1Φ, 220V, 30W	
	4P-8P										
100	2P	6	M6	10~18	Φ35	1	81.5	166	160	1Φ, 220V, 40W	
	4P-8P										
112	2P	6	M8	22~35	Φ52	1	89.5	212	196	1Φ, 220V, 50W	
	4P-8P										
132	2P	6	M10	37~42	Φ65	1	115.5	245	224	1Φ, 220V, 60W	
	4P-8P										
160	2P	6	M12	37~42	Φ65+Φ65	2	152	318	288	1Φ, 220V, 150W	
	4P-8P										
180	2P	6	M16	45~52	Φ75+Φ75	2	188	408	372	1Φ, 220V, 200W	
	4P-8P										

噪声 Noise levels

功率 kW	同步转速 r/min		
	3000 (2 极)	1500 (4 极)	1000 (6 极)
	dB (A) L _{WA} /L _{pfa}		
0.55	/	66/56	63/53
0.75	78/68	66/56	63/53
1.1	78/68	66/56	63/53
1.5	78/68	66/56	64/54
2.2	78/68	70/60	70/60
3	82/72	70/60	73/63
4	83/73	72/62	73/63
5.5	85/75	75/65	73/63
7.5	85/75	75/65	73/62
11	87/76	77/66	73/62
15	87/76	77/66	77/66
18.5	87/76	80/69	80/69
22	88/77	80/69	80/69
30	90/79	83/72	80/69
37	90/79	84/73	82/70
45	92/81	84/73	85/73
55	92/80	85/73	85/73
75	94/76	88/76	89/84
90	94/82	88/76	89/83
110	98/93	94/89	89/82
132	98/92	94/88	89/82
160	98/92	94/87	94/86
200	98/91	94/87	94/86
250	100/93.5	95/87	94/86
315	100/92	95/87	94/86

备注: L_{pfa}—声压级

L_{WA}—声功率级

测试距离为 1M,

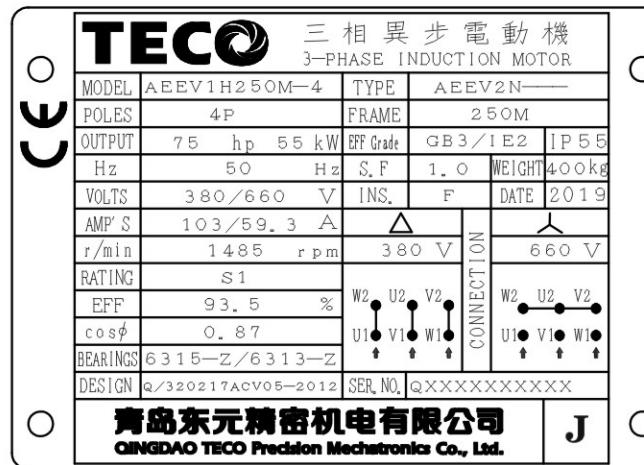
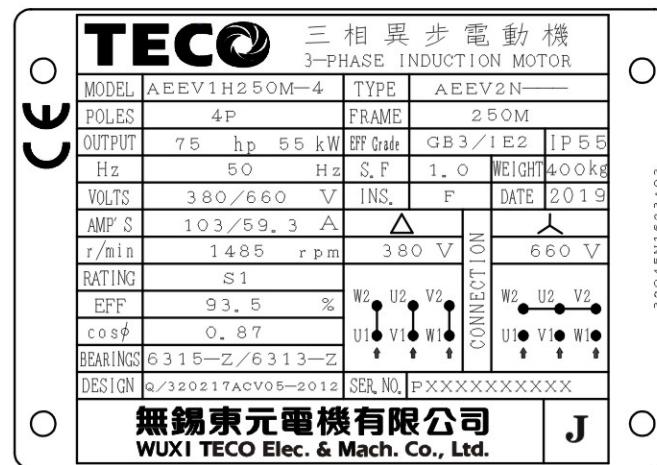
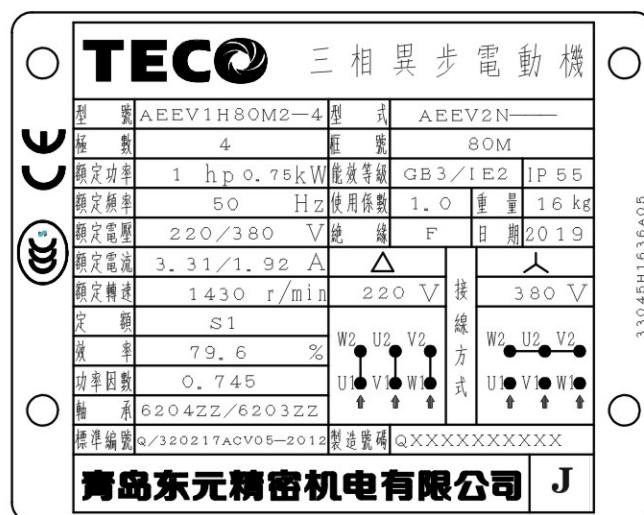
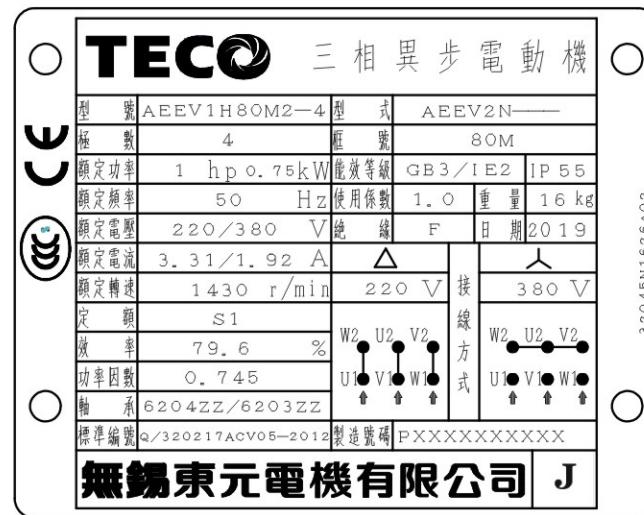
在 50HZ 电源供电下,容差为 ±3dB

L_{pfa}—sound pressure level

L_{WA}—sound power level

1M away from the motor,

standard rated output at 50Hz, and the tolerance is ±3dB



3C铭板

中英文铭板

轴承温升 Bearing temperature rise



注意!

轴承温升的高低比轴承本身实际温度更能反映出问题的状况。

如果轴承温升速率太快或是有非常明显的振动或异音，电动机必须立刻停止运转，详细检查问题发生的原因，否则不得重新运转。

如果轴承温升及运转情况都正常的话，电动机必须继续运转直到轴承温度稳定为止，许可的温度值如下：

滚动轴承 插入式温度检出器	警告值	跳脱值
轴承测试的温度	95°C	100°C

ATTENTION!

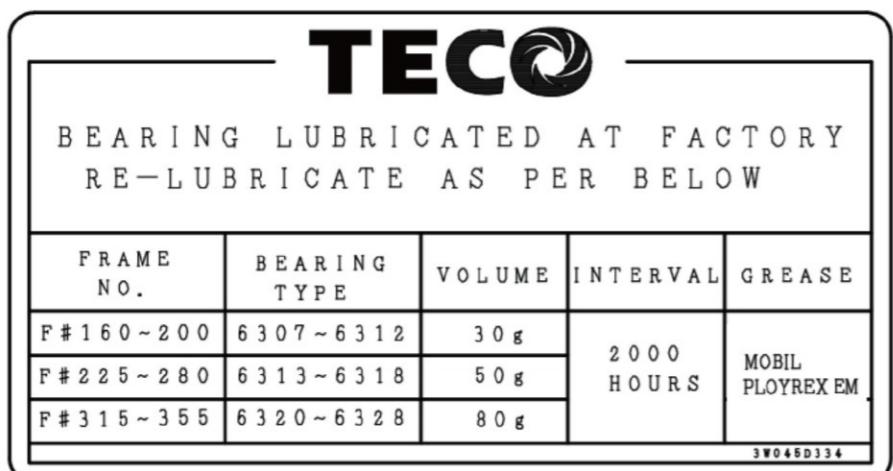
If the rate of rise in temperature is excessive or if the motor exhibits excessive vibration or noise, it should be shut down immediately and a thorough investigation made as to the cause before it is operated again.

Following the initial start-up, the bearing temperatures should be closely monitored. The rate of rise in bearing temperature is more indicative of impending trouble than is the actual temperature.

If the bearing temperature rise and motor operation appear to be normal, operation should continue until the bearing temperatures stabilize.

Recommended limits on bearing temperatures are as follows:

Anti-Friction Bearings.	Alarm temperature	Trip temperature
By permanently installed detector	95°C	100°C



标准: F#250 开始给油

*F#225及以下给油为特殊指定

润滑油铭板

产品编号 Product Code

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

★ ○ ☆ ● ◇ ■ ○ ◆ ◆ ◆

改造代号: 数字、字母、或数字字母组合(三位)

频压代号: 2位字母表示

马力数: 4位数字 or 字母表示

极数: 2位数字表示

F1: GB18613-2012,1 级能效

F2: GB18613-2012,2 级能效

J2: GB18613-2012,2 级能效

F3: GB18613-2012,3 级能效

J3: GB18613-2012,3 级能效

EV: V 系列脚座安装

UV: V 系列法兰安装

EF、HD、JE: 脚座安装

VF、UJ、JU: 法兰安装

MB: 脚座安装(GB-2)

MV: 法兰安装(GB-2)

E: 全闭型

A: 三相感应电动机

GB2/E3- Model: TEV2 Type: AEEV3N/AEUV3N

GB3/1E2- Model: AEEV1H Type: AEEV2N/AEUV2N

东元产品改造代码对照表
GB18613-2012 能效 1-3 级

15-17 码 代号		描述
---		绕组和电机保护
CA-	屋内防蚀	
CA1	屋外防蚀(WF1)	
CA2	屋外防蚀(WF2)	
CA3	麦廖涂装	
PA3	保护方式: IP56	
SR-	附轴承 R.T.D (PT100Ω/0°C) - 2PCS/SET (目前仅适用 Fr# ≥ 160)	
TH-	附电热器 (单相, 220V)	
TL-	附热阻体 (PTC160) - 3pcs/set	
TL2	附热阻体 (PTC160) - 6pcs/set	
TP-	附热保护器 (145°C)	
TR-	附绕组 R.T.D (PT100Ω/0°C) - 3PCS/SET	
TR1	附绕组 R.T.D (PT100Ω/0°C) - 6PCS/SET	
绝缘系统		
-H-	H 级绝缘	
-L1	长引线 1m(T 座面算起), 接线盒不安装随电机一起出货, 压接端子	
005	两次凡立水	
结构部件		
BF-	T 盖空白	
BH-	T 箱反向	
CF-	C-Face Flange (小法兰)	
LC-	座卧两用 (D Falange) --- IM B35	
F01	铸铁风罩	
F02	不锈钢风罩(SUS304)	

东元产品改造代码对照表 GB18613-2012 能效 1~3 级	
结构部件	
FAN	铝质外扇
S01	F 侧绝缘轴承
S1-	NSK 轴承
S1F	SKF 轴承
WA7	附不锈钢防雨罩(SUS304)
面漆	
Y02	仅喷底漆,不喷面漆
YB5	黑色亚光漆
机械设计	
-H2	干燥炉用马达
011	V 系列框架反装 (T 箱靠近非负载侧)
AP-	附油封
AY-	冷冻库用(-40°C~ -15°C)
B02	V 系列 T 箱在顶,但出线孔朝左 (轴向)
B11	T 箱出线孔朝非负载侧 (T 箱位置依标准)
FM1	V 系列侧出线 (面向轴端 T 箱在右)
FM2	V 系列侧出线 (面向轴端 T 箱在左)
VF1	两侧附 SPM 振动螺栓
YF-	自然冷却型 (无风扇风罩)
其他(特殊量变: 二次以上)	
NF-	温度等级 155(F) , 使用 155(F) , 带有服务系数 (SF1.15)
NF3	温度等级 155(F) , 使用 155(F) , 带有服务系数 (SF1.1)
NF7	SF1.15 , SKF 轴承
S1Y	NSK 轴承, 仅喷底漆不喷面漆
TH3	附电热器 (单相 , 220V) , NSK 轴承
TH4	附电热器 (单相 , 220V) , SKF 轴承
THB	附电热器 (单相 , 220V) , 辅助小 T 箱
TJ-	附电热器 (单相 , 220V) , 热保护器 (145° C)
TK-	附电热器 (单相 , 220V) , 绕组 R.T.D (PT100Ω/0° C)-3PCS/SET
TK2	附电热器 (单相 , 220V) , 绕组 R.T.D (PT100Ω/0° C)-6PCS/SET
TLB	附热阻体 (PTC160) - 3pcs/set, 辅助小 T 箱
TM5	附热阻体 (PTC160) - 3pcs/set, 电热器 (单相 , 220V)
TN-	附热阻体 (PTC160) - 3pcs/set, 电热器 (单相 , 220V) , 绕组 R.T.D (PT100Ω/0° C)-3PCS/SET
TRS	附绕组 R.T.D (PT100Ω/0° C)-3PCS/SET, NSK 轴承
VS-	自冷式变频处理, 附热保护器 145°C
VS2	自冷式变频处理, 附 PTC 160°C, SF1.15
VS6	自冷式变频处理, 附 PTC 160°C
VSD	自冷式变频处理, 附热保护器 145°C, SKF 轴承
VSF	自冷式变频处理, 附 PTC 160°C, 铝质外扇
VSH	自冷式变频处理, 不附热保护器
WA-	屋外式 (附防雨盖 , 马达横装)
WA2	屋外式 (不附防雨盖 , 马达横装)
-WA	屋外式 (附防雨盖 , 马达立装)

1.纸箱包装

机座号 Fr#80 到 Fr#112 的包装为纸箱, 如下图:



2.木条箱包装

机座号 Fr#132 到 Fr#355 的包装为木条箱, 如下图:



东元电机的包装也在不断的改进和更新中, 如有更改, 恕不另行通知。

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: AEEV1H/AEUV1H

380V 50HZ
GB18613-2012 GB3(IE2)
2极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD ²	NOISE SOUND POWER NO-LOAD dB(A)	APPROX WEIGHT kg
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	LOCKED ROTOR	FULL LOAD (%)	LOCKED ROTOR	PULL UP	BREAK DOWN	kg-m ²	dB(A)	kg
kW	hp	rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg
0.75	1	2865	80M	77.4	75.8	72.6	84.5	77.5	66.0	1.74	630	0.253	225	200	280	0.005	78	14.5
1.1	1.5	2880	80M	79.6	80.3	79.1	85.5	78.5	66.5	2.46	775	0.378	255	200	305	0.007	78	16.5
1.5	2	2845	90S	81.3	81.5	80.5	90.0	86.0	75.5	3.11	650	0.510	220	170	250	0.010	78	21.0
2.2	3	2840	90L	83.2	84.0	83.0	89.5	85.0	75.5	4.49	750	0.767	265	230	300	0.013	78	24.0
3	4	2890	100L	84.6	84.4	83.6	89.0	85.0	76.0	6.05	820	1.005	215	195	280	0.022	82	34.5
4	5.5	2880	112M	85.8	86.5	85.5	91.0	88.0	81.0	7.78	890	1.386	235	230	335	0.042	83	44.0
5.5	7.5	2925	132S	87.0	87.0	85.7	85.5	81.5	73.0	11.2	690	1.861	190	145	250	0.057	85	55.0
7.5	10	2905	132S	88.1	88.6	87.6	84.5	80.5	71.5	15.3	660	2.499	190	165	250	0.066	85	59.0
11	15	2940	160M	89.4	89.4	88.6	91.5	89.0	83.0	20.4	830	3.703	220	155	270	0.154	87	92.5
15	20	2925	160M	90.3	90.3	90.2	93.0	91.5	88.0	27.1	765	4.963	230	155	240	0.192	87	107
18.5	25	2945	160L	90.9	91.7	90.5	92.5	90.5	86.0	33.4	880	6.162	265	175	280	0.237	87	119
22	30	2945	180M	91.3	91.5	91.0	90.0	88.0	82.5	40.7	800	7.394	220	175	280	0.283	88	148
30	40	2955	200L	92.0	92.0	90.8	90.0	89.0	85.0	55.0	775	9.825	185	140	275	0.521	90	213
37	50	2950	200L	92.5	92.0	91.3	90.5	89.5	85.5	67.2	845	12.30	205	140	240	0.663	90	243
45	60	2965	225M	92.9	92.3	90.9	90.5	87.5	81.0	81.3	875	14.69	160	155	320	1.074	92	279
55	75	2970	250M	93.2	93.4	93.1	91.0	90.0	85.5	98.5	735	18.33	135	115	295	1.211	92	356
75	100	2965	280S	93.8	93.6	92.8	89.0	87.5	82.0	136	800	24.69	130	120	285	1.759	94	454
90	125	2965	280M	94.1	93.9	92.8	87.5	86.0	76.0	166	800	29.53	175	135	300	2.287	94	520
110	150	2968	315S	94.3	94.2	93.5	90.5	89.0	85.0	196	795	36.12	210	180	270	3.200	98	636
132	175	2970	315M	94.6	94.4	93.5	90.5	89.0	84.5	234	780	43.31	200	170	260	4.400	98	675
160	215	2970	315L	94.8	94.5	93.4	91.0	90.0	86.5	282	795	52.50	205	175	260	5.600	98	775
200	270	2970	315L	95.0	94.8	93.8	91.5	90.5	88.0	350	800	65.62	230	200	260	7.600	98	955
250	335	2975	355M	95.0	94.6	93.5	91.5	90.0	86.0	437	750	81.89	140	120	280	9.200	100	1264
315	420	2975	355L	95.2	94.8	93.6	92.5	91.5	89.0	544	760	103.2	160	140	280	11.60	100	1444
355	475	2975	355C	95.4	95.2	94.4	92.0	90.5	85.5	615	840	116.3	120	120	260	16.00	100	2200
400	540	2975	355C	95.5	95.3	94.5	92.0	91.0	87.5	692	850	131.0	120	120	260	20.80	100	2500

NOTE : 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2007.

2. Breakdown & Locked rotor torques are shown as average expected values.

3. Tolerance According to GB755 & IEC 60034-1.

4. Noise:sound power level at no-load,dB(A),Tolerance+3dB(A).

5. Data subject to change without notice.

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: AEEV1H/AEUV1H



380V 50HZ
GB18613-2012 GB3(IE2)
4极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD ²	NOISE SOUND POWER NO-LOAD dB(A)	APPROX WEIGHT kg
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	LOCKED ROTOR	FULL LOAD (%)	LOCKED ROTOR	PULL UP	BREAK DOWN	kg-m ²	dB(A)	kg
kW	hp	rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg
0.55	0.75	1430	80M	78.1	78.0	75.3	74.0	64.0	49.5	1.45	640	0.381	260	230	290	0.010	66	14.5
0.75	1	1430	80M	79.6	79.5	76.3	74.5	65.0	51.0	1.92	705	0.508	330	290	340	0.011	66	16.0
1.1	1.5	1440	90S	81.4	81.6	79.3	77.5	69.0	55.0	2.65								

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: AEEV1H/AEUV1H

380V 50HZ
GB18613-2012 GB3(IE2)
6极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR GD ²	NOISE SOUND POWER NO-LOAD dB(A)	APPROX. WEIGHT kg
				FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN			
kW	hp	rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg
0.55	0.75	930	80M	74.0	72.8	68.4	65.5	56.0	43.0	1.72	470	0.585	255	245	255	0.013	63	18.0
0.75	1	935	90S	75.9	75.8	73.5	73.0	63.5	50.5	2.06	480	0.776	170	170	220	0.018	63	22.5
1.1	1.5	935	90L	78.1	77.6	74.9	72.0	62.5	49.0	2.97	550	1.164	205	195	245	0.025	63	26.0
1.5	2	955	100L	79.8	79.1	77.3	71.5	63.5	50.0	3.99	550	1.520	165	130	230	0.044	64	34.0
2.2	3	945	112M	81.8	80.8	79.6	75.5	67.5	54.0	5.41	570	2.304	205	175	245	0.071	70	43.5
3	4	965	132S	83.3	81.8	79.2	72.5	63.5	50.0	7.55	585	3.009	195	185	270	0.097	73	54.0
4	5.5	960	132M	84.6	84.8	84.3	77.5	69.5	56.5	9.27	645	4.159	190	175	275	0.131	73	62.0
5.5	7.5	965	132M	86.0	85.3	82.9	72.0	63.5	50.0	13.5	690	5.641	210	160	280	0.171	73	70.0
7.5	10	960	160M	87.2	88.0	87.0	81.5	76.5	66.0	16.0	600	7.561	210	185	225	0.363	73	97.5
11	15	965	160L	88.7	89.2	88.6	81.5	76.0	65.0	23.1	685	11.28	245	230	270	0.558	73	124
15	20	975	180L	89.7	89.7	88.4	80.0	74.0	62.5	31.8	760	14.89	265	185	315	1.342	77	184
18.5	25	975	200L	90.4	91.1	90.2	82.5	79.0	70.5	37.7	610	18.61	200	185	220	1.604	80	223
22	30	975	200L	90.9	91.1	90.9	82.0	78.5	69.5	44.8	680	22.33	210	180	220	1.912	80	243
30	40	975	225M	91.7	92.0	91.5	84.0	81.5	74.0	59.2	615	29.78	175	155	210	2.442	80	284
37	50	980	250M	92.2	92.4	91.9	85.0	81.0	72.5	71.7	640	37.03	180	180	220	3.373	82	361
45	60	985	280S	92.7	92.5	91.3	80.5	75.0	64.5	91.6	690	44.52	200	185	300	5.290	85	474
55	75	985	280M	93.1	93.0	92.1	82.5	78.0	68.0	109	680	54.41	195	185	295	6.492	85	534
75	100	987	315S	93.7	93.6	92.8	85.0	82.0	73.0	143	660	74.05	200	170	260	9.600	89	713
90	125	987	315M	94.0	93.9	93.2	84.5	81.5	73.5	172	660	88.9	200	170	240	12.80	89	755
110	150	987	315L	94.3	94.2	93.5	85.0	83.0	75.5	209	660	108.6	200	170	240	16.80	89	930
132	175	987	315L	94.6	94.5	93.6	84.8	82.5	75.0	250	660	130.3	200	170	240	10.40	89	1012
160	215	988	315L [*]	94.8	94.8	94.2	85.0	81.5	73.5	302	680	157.8	200	170	240	22.40	89	1115
160	215	988	355M	94.8	94.8	94.2	85.5	83.0	73.0	300	680	157.8	200	170	240	28.00	94	1250
200	270	988	355M	95.0	95.0	94.5	86.0	83.5	76.5	372	680	197.3	200	170	240	33.60	94	1344
250	335	988	355L	95.2	95.2	94.8	86.0	84.0	77.0	464	680	246.6	200	170	240	42.80	94	1584
315	420	990	355C	95.3	95.3	94.8	85.0	81.0	71.5	591	700	310.1	180	160	270	54.40	94	2350
355	475	990	355C	95.4	95.4	94.8	85.5	82.5	73.6	661	700	349.4	180	160	270	61.60	94	2650

NOTE : 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2007.

2. Breakdown & Locked rotor torques are shown as average expected values.

3. Tolerance According to GB755 & IEC 60034-1.

4. Noise:sound power level at no-load,dB(A),Tolerance+3dB(A).

5. Data subject to change without notice.

6. 0.55kW and below:Efficiency per TECO performance standard (Not IE2).

7. (*) small frame : NOT standard design.

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: AEEV1H/AEUV1H

380V 50HZ
GB18613-2012 GB3(IE2)
8极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR GD ²	NOISE SOUND POWER NO-LOAD dB(A)	APPROX. WEIGHT kg
				FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN			
kW	hp	rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg
0.18	0.25	710	80M	50.0	44.5	36.0	46.5	40.0	34.0	1.18	405	0.256	360	350	370	0.010	63	15.5
0.25	0.33	700	80M	56.0	51.4	43.6	53.5	45.5	37.0	1.27	350	0.342						

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: TEV2

380V 50HZ
GB18613-2012 GB2(IE3)
2极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD ²	NOISE SOUND POWER NO-LOAD	APPROX. WEIGHT
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	kg·m ²
kW	hp	rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg·m	%FLT	%FLT	%FLT	kg·m ²	dB(A)	kg
0.75	1	2875	80M	80.7	78.3	75.1	83.5	77.0	65.5	1.69	780	0.254	280	275	335	0.006	78	17.0
1.1	1.5	2870	80M	82.7	83.0	81.3	85.0	78.5	66.5	2.38	800	0.373	300	295	350	0.007	78	18.5
1.5	2	2850	90S	84.2	85.4	85.8	90.5	87.0	78.0	2.99	800	0.512	220	210	280	0.012	78	25.0
2.2	3	2860	90L	85.9	86.7	86.8	89.5	85.0	75.5	4.35	850	0.748	245	235	315	0.014	78	27.5
3	4	2855	100L	87.1	88.3	88.4	90.0	86.5	78.5	5.81	880	1.022	255	240	355	0.025	82	37.9
4	5.5	2875	112M	88.1	89.0	88.9	91.0	87.5	80.0	7.58	950	1.354	270	250	360	0.046	83	48.0
5.5	7.5	2930	132S	89.2	89.8	89.5	86.0	84.0	77.5	10.9	800	1.826	205	205	340	0.075	85	67.5
7.5	10	2920	132S	90.1	90.9	90.8	87.0	84.5	77.5	14.5	725	2.499	195	195	315	0.081	85	69.5
11	15	2935	160M	91.2	92.0	92.0	90.0	89.0	83.5	20.4	775	3.647	230	185	285	0.183	87	117
15	20	2935	160M	91.9	92.0	92.0	89.0	85.5	77.5	27.9	865	4.973	275	230	330	0.205	87	117
18.5	25	2930	160L	92.4	93.0	93.0	90.0	89.5	84.0	33.8	810	6.144	245	200	295	0.237	87	124
22	30	2940	180M	92.7	92.7	92.5	87.0	85.0	77.0	41.4	760	7.281	225	180	275	0.283	88	166
30	40	2950	200L	93.3	93.5	92.5	90.0	90.0	86.5	54.3	775	9.895	200	145	270	0.602	90	238
37	50	2955	200L	93.7	94.5	94.0	91.0	90.5	87.0	65.9	815	12.18	195	145	280	0.753	90	273
45	60	2960	225M	94.0	94.0	93.5	91.0	91.0	88.0	79.9	810	14.79	150	140	290	1.187	92	299
55	75	2970	250M	94.3	94.5	94.0	91.5	90.0	86.5	96.8	800	18.02	150	130	315	1.544	92	416
75	100	2970	280S	94.7	94.6	93.6	90.0	89.8	87.6	134	800	24.61	155	135	300	1.935	94	505
90	125	2970	280M	95.0	95.0	94.0	90.5	90.0	82.5	159	830	29.53	150	135	285	2.463	94	571
110	150	2970	315S	95.2	95.0	94.3	91.0	89.5	85.6	193	834	36.09	230	200	280	3.200	98	786
132	175	2975	315M	95.4	95.1	94.4	91.0	90.5	87.0	231	755	43.24	150	130	280	4.800	98	835
160	215	2975	315L	95.6	95.5	94.5	91.0	90.5	87.0	279	764	52.41	160	140	270	5.200	98	910
200	270	2975	315L	95.8	95.6	94.6	91.0	90.5	88.0	349	735	65.51	160	140	260	6.000	98	1,175
250	335	2975	355M	95.8	95.5	94.6	90.5	89.0	84.0	438	740	81.89	140	115	260	8.800	100	1,414
315	420	2975	355L	95.8	95.5	94.8	91.0	89.0	84.0	549	740	103.2	140	115	260	10.40	100	1,564
355	475	2975	355C	95.8	95.5	94.6	92.0	90.5	85.5	612	840	116.3	120	120	260	16.00	100	2,200
400	540	2975	355C	95.8	95.5	94.6	92.0	91.0	87.5	690	850	131.0	120	120	260	20.80	100	2,550

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2007.

2. Tolerance according to GB 755, IEC 60034-1.

3. Breakdown & Locked rotor torques are show as average expected voltages.

4. Noise : sound power level at no - load, dB(A), Tolerance + 3 dB(A)

5. Data subject to change without notice.

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: TEV2



380V 50HZ
GB18613-2012 GB2(IE3)
4极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD ²	NOISE SOUND POWER NO-LOAD	APPROX. WEIGHT
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	kg·m ²
kW	hp	rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg·m	%FLT	%FLT	%FLT	kg·m ²	dB(A)	kg
0.55	0.75	1430	80M	79.0	77.9	74.7	69.0	58.5	44.5	1.53	620	0.376	300	270	320	0.010	66	16.5
0.75	1	1410	80M	82.5	81.8	79.7	73.5	64.0	50.0	1.88	640	0.518	315	290	335	0.013	66	17.0
1.1	1.5</td																	

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)

Model: TEV2

380V 50HZ

GB18613-2012 GB2(IE3)

6极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR GD ²	NOISE SOUND POWER NO-LOAD dB(A)	APPROX. WEIGHT kg
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP %FLT	BREAK DOWN %FLT			
kW	hp	rpm		(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg		
0.55	0.75	905	80M	70.0	69.7	66.2	69.0	58.0	44.5	1.73	375	0.591	210	195	225	0.012	63	18.5
0.75	1	935	90S	78.9	80.6	79.4	71.0	62.5	49.0	2.03	470	0.780	205	190	225	0.022	63	26.0
1.1	1.5	930	90L	81.0	81.2	80.5	72.0	63.5	50.0	2.87	490	1.151	200	185	215	0.026	63	29.5
1.5	2	950	100L	82.5	82.9	81.5	72.5	65.0	52.0	3.81	500	1.536	200	175	225	0.058	64	40.0
2.2	3	960	112M	84.3	84.3	82.2	67.0	59.0	47.0	5.92	525	2.230	175	175	250	0.083	70	50.5
3	4	970	132S	85.6	86.1	85.1	76.0	70.0	57.5	7.01	655	3.009	175	170	300	0.137	73	68.5
4	5.5	970	132M	86.8	87.2	86.3	77.0	70.0	57.5	9.09	670	4.012	180	175	310	0.182	73	83.0
5.5	7.5	970	132M	88.0	88.0	86.2	79.5	72.5	60.0	11.9	780	5.517	210	205	300	0.216	73	84.0
7.5	10	970	160M	89.1	90.0	89.0	79.0	73.0	61.0	16.2	715	7.523	235	210	280	0.483	73	122
11	15	970	160L	90.3	91.0	90.5	78.0	72.0	60.5	23.7	755	11.03	295	255	285	0.628	73	134
15	20	970	180L	91.2	92.0	92.0	82.0	78.0	68.0	30.5	690	15.05	215	165	230	1.337	77	189
18.5	25	975	200L	91.7	92.5	92.5	80.5	76.0	66.5	38.1	720	18.46	220	185	240	1.829	80	243
22	30	975	200L	92.2	93.0	93.5	81.5	77.0	68.0	44.5	720	21.95	210	185	240	2.078	80	263
30	40	980	225M	92.9	93.5	93.5	83.5	80.0	76.5	58.8	600	29.79	200	160	215	3.023	80	344
37	50	980	250M	93.3	94.0	94.0	85.0	81.5	75.0	70.9	730	36.74	230	200	250	4.194	82	411
45	60	985	280S	93.7	93.7	93.0	81.5	77.5	67.5	89.5	690	44.52	185	175	285	5.530	85	487
55	75	985	280M	94.1	94.1	93.5	83.0	80.0	71.0	107	685	54.41	185	175	300	6.733	85	548
75	100	985	315S	94.6	94.5	93.7	84.5	81.0	71.0	143	669	74.20	200	180	280	9.600	89	801
90	125	985	315M	94.9	94.9	94.2	85.0	82.5	75.0	170	704	89.04	200	180	250	15.20	89	865
110	150	985	315L	95.2	95.0	94.2	85.0	83.0	75.5	207	667	108.8	200	180	250	18.40	89	995
132	175	985	315L	95.4	95.3	94.3	84.5	82.5	75.0	249	663	130.6	200	180	250	20.40	89	1,180
160	215	988	355M	95.6	95.4	94.6	85.0	81.0	70.0	299	720	157.8	160	140	260	31.60	94	1,414
200	270	988	355M	95.8	95.6	94.8	85.0	81.0	69.0	373	740	197.3	180	160	270	39.20	94	1,664
250	335	988	355L	95.8	95.6	94.8	85.0	80.5	68.0	466	760	246.6	180	160	270	46.40	94	1,864
315	420	990	355C	95.8	95.8	95.4	85.5	82.0	73.5	584	720	310.1	180	160	270	57.20	94	2,450
355	475	990	355C	95.8	95.8	95.4	85.5	82.5	73.6	659	720	349.4	180	160	270	64.80	94	2,800

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2007.

2. Tolerance according to GB 755, IEC 60034-1.

3. Breakdown & Locked rotor torques are show as average expected voltages.

4. 0.55 kW and below : Efficiency per TECO performance standard (Not IE3).

5. Noise : sound power level at no - load, dB(A), Tolerance + 3 dB(A)

6. Data subject to change without notice.

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)

Model: TEV1



380V 50HZ

GB18613-2012 GB1(IE4)

2极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR GD2	NOISE SOUND POWER NO-LOAD dB(A)	APPROX. WEIGHT kg
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP %FLT	BREAK DOWN %FLT			
kW	hp	rpm		(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg		
0.75	1	2880	80M	84.9	85.5	84.6	81.5	75.0	65.0	1.65	845	0.253	345	310	360	0.007	78	18.0
1.1	1.5	2880	80M	86.7	87.3	86.2	81.5	76.5										

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: TEV1

380V 50HZ
GB18613-2012 GB1(IE4)
4极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD2	NOISE SOUND	APPROX. WEIGHT
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	kg-m	%FLT	%FLT	%FLT	kg-m ²
kW	hp	rpm		(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg
0.75	1	1435	80M	85.7	86.2	85.3	73.5	65.5	52.0	1.81	755	0.509	380	345	395	0.017	66	22.0
1.1	1.5	1445	90S	87.4	87.9	86.9	77.0	69.0	55.0	2.48	870	0.741	330	245	355	0.021	66	27.5
1.5	2	1445	90L	88.2	88.8	88.1	80.5	73.0	61.0	3.21	885	1.010	330	245	340	0.029	66	32.0
2.2	3	1460	100L	89.7	90.2	89.8	80.5	75.0	64.5	4.63	940	1.466	325	200	385	0.076	70	52.0
3	4	1465	100L	90.4	90.2	89.1	80.5	73.5	61.0	6.26	945	1.992	330	310	350	0.089	70	56.5
4	5.5	1465	112M	91.1	91.4	90.6	81.5	71.5	64.5	8.19	965	2.657	355	280	380	0.117	72	65.0
5.5	7.5	1465	132S	92.1	92.4	91.8	83.0	77.0	66.0	10.9	990	3.653	390	300	395	0.192	75	92.5
7.5	10	1465	132M	92.6	92.6	92.4	83.5	78.5	67.5	14.7	925	4.981	350	255	350	0.222	75	101
11	15	1470	160M	93.6	93.0	93.0	82.5	78.0	67.5	21.6	860	7.281	265	215	295	0.407	77	141
15	20	1470	160L	94.0	94.0	93.5	85.0	82.0	73.5	28.5	780	9.929	235	190	260	0.506	77	157
18.5	25	1480	180M	94.3	94.0	93.5	84.0	80.5	72.0	35.5	840	12.16	240	205	290	0.928	80	221
22	30	1480	180L	94.7	94.0	93.0	82.0	78.0	68.0	43.0	875	14.46	265	220	305	1.005	80	232
30	40	1480	200L	95.0	94.5	94.0	81.5	77.0	67.0	58.9	780	19.72	220	185	275	1.649	83	310
37	50	1480	225S	95.3	95.0	94.5	88.0	85.0	77.5	67.0	795	24.33	210	185	265	3.186	84	408
45	60	1480	225M	95.6	95.0	94.5	88.0	85.0	78.0	81.3	780	29.58	210	185	260	3.760	84	449
55	75	1480	250M	95.8	96.0	95.5	86.0	83.0	75.0	101	885	36.16	185	170	320	5.393	85	603
75	100	1485	280S	96.0	95.4	94.3	87.0	83.5	75.5	136	846	54.19	230	200	320	6.400	88	670
90	125	1485	280M	96.2	95.5	94.7	87.2	83.5	75.5	163	850	65.03	230	200	320	7.600	88	730
110	150	1485	315S	96.4	95.6	94.8	87.5	85.0	79.5	198	850	79.48	220	190	300	9.600	94	970
132	175	1486	315M	96.5	95.6	95.0	87.8	85.3	79.5	237	842	86.56	220	190	300	10.40	94	1,060
160	215	1486	315L	96.5	95.7	95.0	88.0	85.5	79.5	286	880	104.9	230	200	300	12.40	94	1,240
185	250	1486	315L	96.6	95.7	95.0	88.2	86.0	81.7	330	840	121.3	230	200	300	15.20	94	1,320
200	270	1486	315L	96.6	95.7	95.1	88.5	87.0	82.5	355	873	131.2	230	200	300	16.00	94	1,400
220	300	1488	355M	96.6	95.5	94.8	88.5	86.2	80.0	391	836	144.1	220	190	320	31.20	95	1,880
250	335	1489	355M	96.7	95.6	94.8	88.5	84.0	77.2	444	858	163.6	220	190	330	31.20	95	1,930
280	375	1489	355L	96.7	95.6	94.9	88.5	85.2	78.0	497	795	183.2	220	190	320	32.80	95	2,100
300	402	1489	355L	96.8	95.7	95.0	88.5	85.2	78.2	532	806	196.3	220	190	320	35.60	95	2,180
315	422	1489	355L	96.8	95.8	95.1	88.5	85.5	78.4	559	810	206.2	220	190	320	36.80	95	2,230
355	475	1490	355C	96.8	95.9	95.2	87.1	83.2	75.5	640	816	232.2	170	150	320	43.60	95	2,580
375	503	1490	355C	96.8	96.0	95.3	87.5	84.3	75.8	673	817	245.3	170	150	320	46.80	95	2,650

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: TEV1

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD2	NOISE SOUND	APPROX. WEIGHT
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	kg-m	%FLT	%FLT	%FLT	kg-m ²
kW	hp	rpm		(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg
0.75	1	950	90S	83.1	82.8	81.3	68.0	58.0	45.0	2.02	625	0.768	250					

外形图 Outline

外形及安装尺寸图

安装方式: B3(IM 1001)

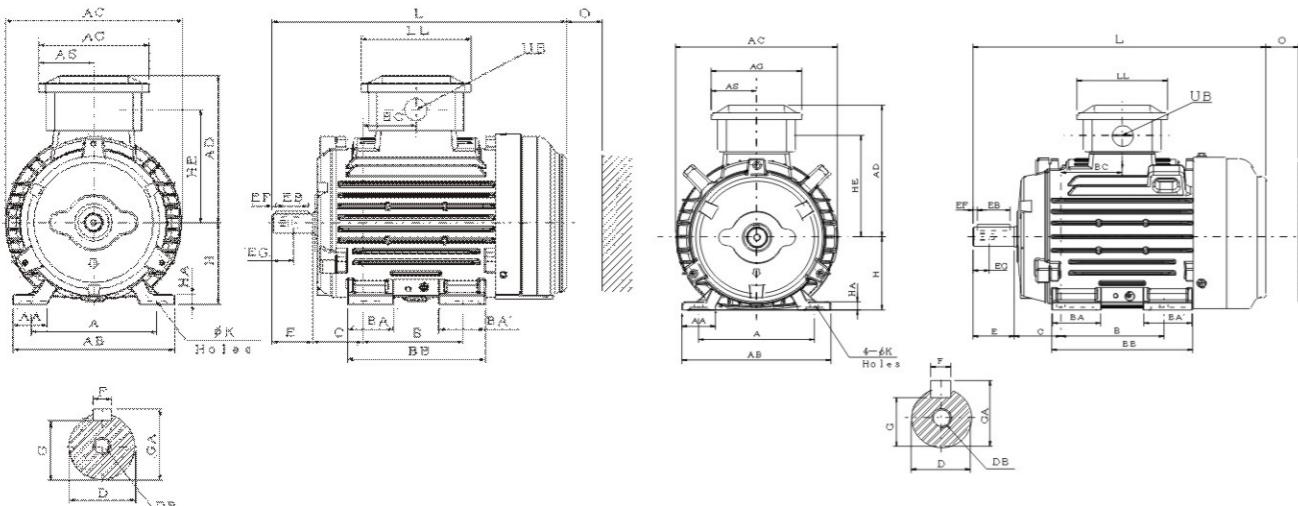


FIG.1

FIG.2

外形图 Outline

外形及安装尺寸图

安装方式: B3(IM 1001)

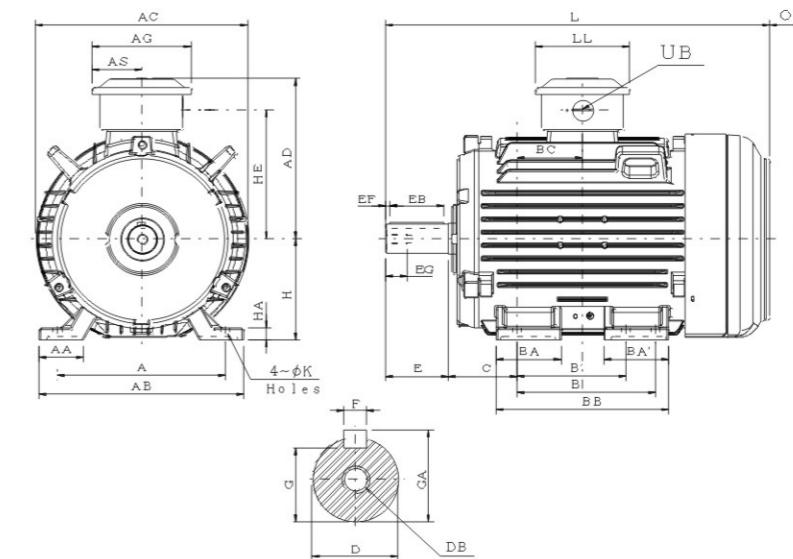


FIG.3

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE		
2P	4P	6P	---																					
0.75	0.55	---	---	80M	1	125	34.5	161	177	152	110	55	100	---	46	46	137	53.5	50	80	10	115		
1.1	0.75	0.55	---			140	40	180	197	162	110	55	100	---	67.5	67.5	161	69.5	56	90	10	125		
1.5	1.1	0.75	---	90S	2	140	40	180	197	162	110	55	100	---	60.5	60.5	171	74.5	56	90	10	125		
2.2	1.5	1.1	---			140	40	180	197	162	110	55	125	---	66.5	66.5	181	72.5	63	100	12	138		
3	2.2	1.5	---	100L	2	160	40	200	219	178.5	127	63.5	140	---	65.5	65.5	186	75	70	112	13	150.5		
---	3	---	---			190	45	235	235	191	127	63.5	140	---	65.5	65.5	186	75	70	112	13	150.5		
4	4	2.2	---	112M																				
SHAFT EXTENSION		BEARING																						
FRAME SIZE		K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END							
80M	10	292	110	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ								
90S	10	344	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ								
90L	10	354	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ								
100L	12	391	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ								
112M	12	412.5	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ								

Note : 1. Tolerance of shaft end diameter D : j6.

2. Tolerance of shaft center high H : +0, -0.5.

3. T-Box Assy with a cable grand body.

4.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K	L						
2P	4P	6P	---																											
5.5	5.5	3	---	132S	3	216	57	263	273	208.5	127	63.5	140	---	64	64	184	65	89	132	16	168	12	456						
7.5	--	--	--			216	57	263	273	208.5	127	63.5	178	140	83.5	83.5	222	84	89	132	16	168	12	494						
FRAME SIZE		LL	O	UB		SHAFT EXTENSION																BEARING								
D		E		EB		EF		EG		F		G		GA		DB		DRIVE END		OPPOSITE DRIVE END										
132S	120	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ																
132M	120	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ																

Note : 1. Tolerance of shaft end diameter D : k6.

2. Tolerance of shaft center high H : +0, -0.5.

3. T-Box Assy with a cable grand body.

4.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

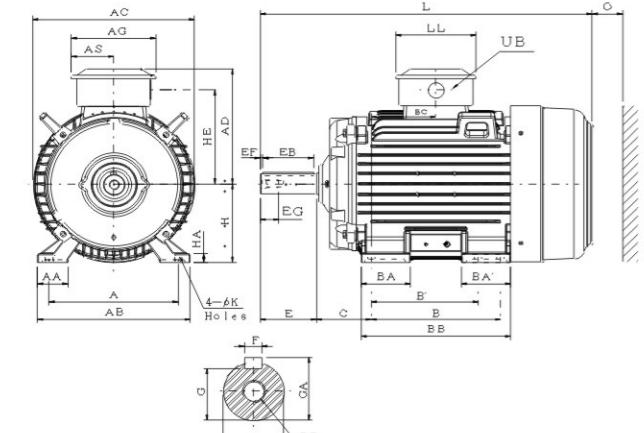


FIG.4

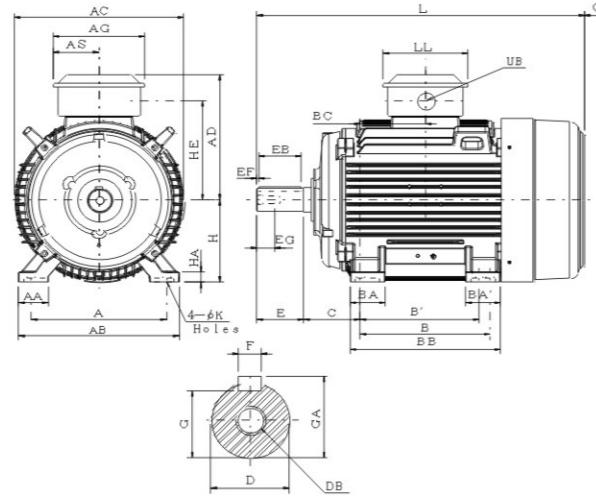


FIG.5

安装方式: B3(IM 1001)

外形图 Outline

外形及安装尺寸图

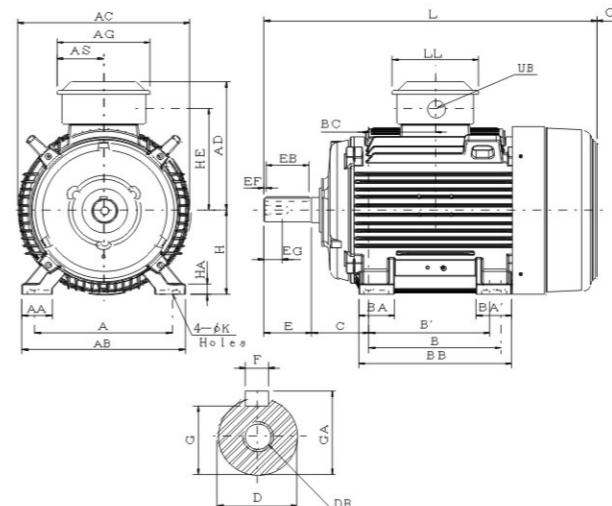


FIG.6

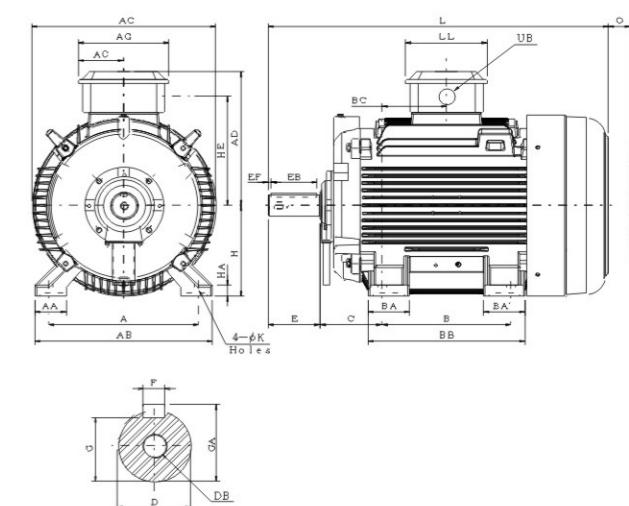


FIG.7

安装方式: B3(IM 1001)

Output (kW)				FRAME SIZE	FIG. NO.	Dimension in mm																	
2P	4P	6P	---			A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K
11	11	7.5	---	160M	4	254	60	300	317	234	166	83	210	---	57	57	250	105	108	160	18	192	14.5
15	---	---	---			254	60	300	317	234	166	83	254	210	97	97	294	127	108	160	18	192	14.5
18.5	15	11	---	160L	5	279	65	330	354	266	166	83	241	---	65	65	292	120.5	121	180	20	218	14.5
22	18.5	---	---			279	65	330	354	266	166	83	279	241	115	115	330	139.5	121	180	20	218	14.5
---	22	15	---	180L		279	65	330	354	266	166	83	279	241	115	115	330	139.5	121	180	20	218	14.5

FRAME SIZE	L	LL	O	UB	SHAFT EXTENSION								BEARING										
					D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	D	E	EB	EF	EG	F	G	GA
160M	608	160	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ								
160L	652	160	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ								
180M	672	160	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3) 6311ZZ	(6310ZZC3) 6310ZZ								
180L	710	160	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16										

Note : 1. Tolerance of shaft end diameter D : $\phi 42 : k6$.

2. Tolerance of shaft center high H : +0, -0.5.

3. Bearing No . In () is for 2P.

4. T-Box Assy with a cable grand body.

5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

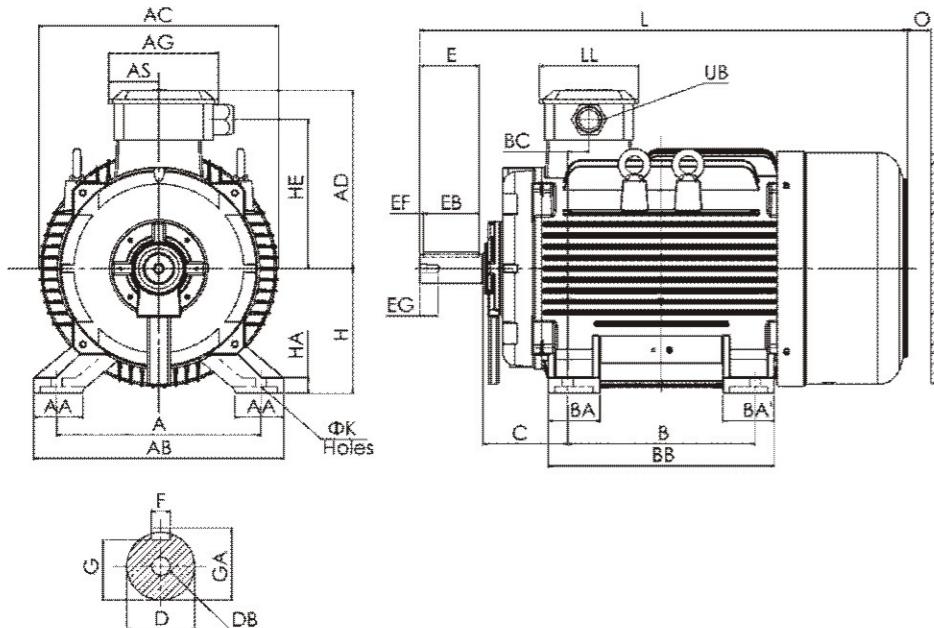
Output (kW)				FRAME SIZE	FIG. NO.	Dimension in mm																	
2P	4P	6P	---			A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K
30	30	18.5	22	200L	6	318	70	378	398	304.5	215	107.5	305	---	82	82	353	152.5	133	200	24	241	18.5
37	37	---	---			356	75	431	449	330.5	215	107.5	286	---	98.5	98.5	371	143	149	225	28	267	18.5
45	---	---	---	225SC	6	356	75	431	449	330.5	215	107.5	311	286	110	110	396	155.5	149	225	28	267	18.5
45	45	30	---			356	75	431	449	330.5	215	107.5	311	286	110	110	396	155.5	149	225	28	267	18.5
55	---	---	---	225MA	7	406	85	480	499	372.5	249	124.5	349	---	112.5	112.5	425	174.5	168	250	30	300	24
55	55	37	---			406	85	480	499	372.5	249	124.5	349	---	112.5	112.5	425	174.5	168	250	30	300	24
55	---	---	---	225MC	7	59	110	100	5	42	16	49	59	M20	(6312ZZC3) 6312ZZ	(6212ZZC3) 6212ZZ							
55	55	37	---			60	140	125	7.5	42	18	53	64	M20	(6312ZZC3) 6313ZZ	(6212ZZC3) 6213ZZ							
921	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	(6313-ZC3) 6315-Z	(6313-ZC3) 6313-Z									
921	224	105	M63X1.5	65	140	125	7.5	42	18	53	64	M20	(6313-ZC3) 6315-Z	(6313-ZC3) 6313-Z									

FRAME SIZE	L	LL	O	UB	SHAFT EXTENSION								BEARING							
					D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END					

外形图 Outline

外形及安装尺寸图

安装方式: B3(IM 1001)



Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	C	H	HA	HE	K										
2P	4P	6P	---																												
75	---	---	---	280SA	457	110	560	546	408.5	249	124.5	368	110	110	455	48	190	280	35	336	24										
---	75	45	---	280SB	457	110	560	546	408.5	249	124.5	368	110	110	455	48	190	280	35	336	24										
90	---	---	---	280MA	457	110	560	546	408.5	249	124.5	419	115	115	505	48	190	280	35	336	24										
---	90	55	---	280MB	457	110	560	546	408.5	249	124.5	419	115	115	505	48	190	280	35	336	24										
SHAFT EXTENSION				BEARING																											
FRAME SIZE		L		LL		O		UB		D		E		EB		EF		EG		F		G		GA		DB		DRIVE END		OPPOSITE DRIVE END	
280SA	1037.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3																
280SB	1037.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3																
280MA	1087.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3																
280MB	1087.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3																

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Shaft Center Height H: +0, -1

3. Tolerance of Key Width F : h9

4.T-Box Assy with a cable grand body.

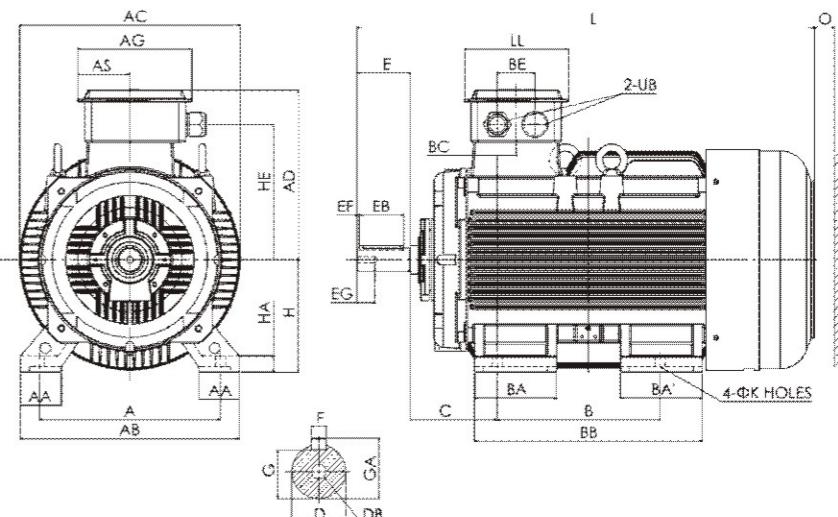
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B3(IM 1001)



Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	C	H	HA	HE							
2P	4P	6P	---																								
110	---	---	---	315SA	508	115	615	560	456.5	318	144	406	180	180	580	53	106	216	315	35	359						
---	110	75	---	315SB	508	115	615	560	456.5	318	144	406	180	180	580	53	106	216	315	35	359						
SHAFT EXTENSION				FRAME SIZE	K	L	LL	O	UB	BEARING												OPPOSITE DRIVE END					
315SA	28	1162	288		180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3										
315SB	28	1192	288		180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3										

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Shaft Center Height H : +0, -1

3. Tolerance of Key Width F : h9

4.T-Box Assy with two cable grand bodys.

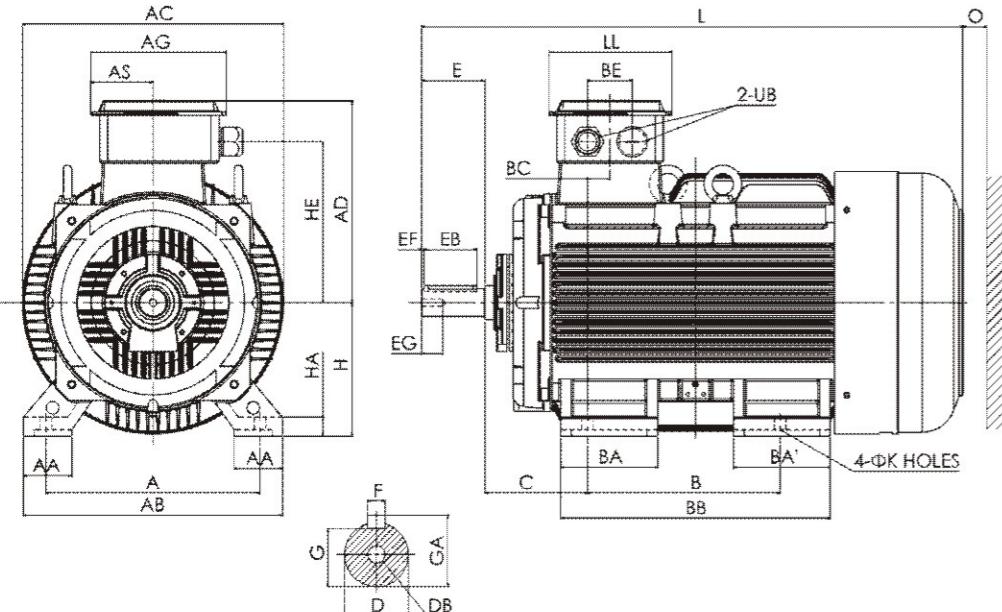
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B3(IM 1001)



Dimension in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	---																		
132	---	---	---	315MA	508	115	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384
---	132	90	---	315MB	508	115	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384
SHAFT EXTENSION																					
FRAME SIZE		K	L	LL	O	UB		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END		OPPOSITE DRIVE END		
315MA	28	1246	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
315MB	28	1276	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3					

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Shaft Center Height H : +0, -1

3. Tolerance of Key Width F : h9

4.T-Box Assy with two cable grand bodys.

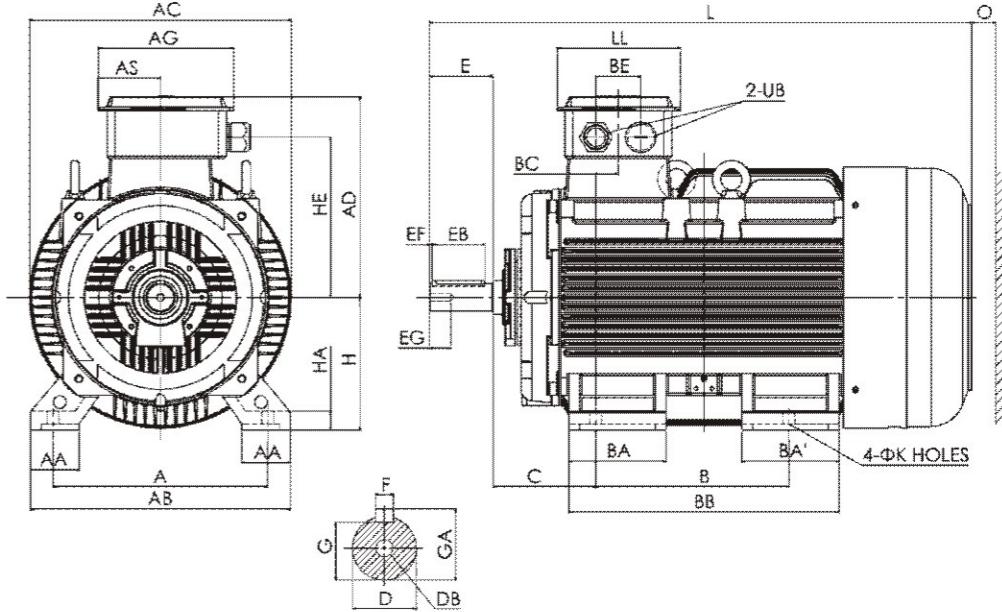
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

TECO
安装方式: B3(IM 1001)



Dimension in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	---																		
160	---	---	---	315LA	508	130	630	620	481.5	318	144	508	230	230	740	53	106	216	315	45	384
---	160	110	132	315LB	508	130	630	620	481.5	318	144	508	230	230	740	53	106	216	315	45	384
SHAFT EXTENSION																					
FRAME SIZE		K	L	LL	O	UB		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END		OPPOSITE DRIVE END		
315LA	28	1346	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
315LB	28	1376	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3					

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Shaft Center Height H : +0, -1

3. Tolerance of Key Width F : h9

4.T-Box Assy with two cable grand bodys.

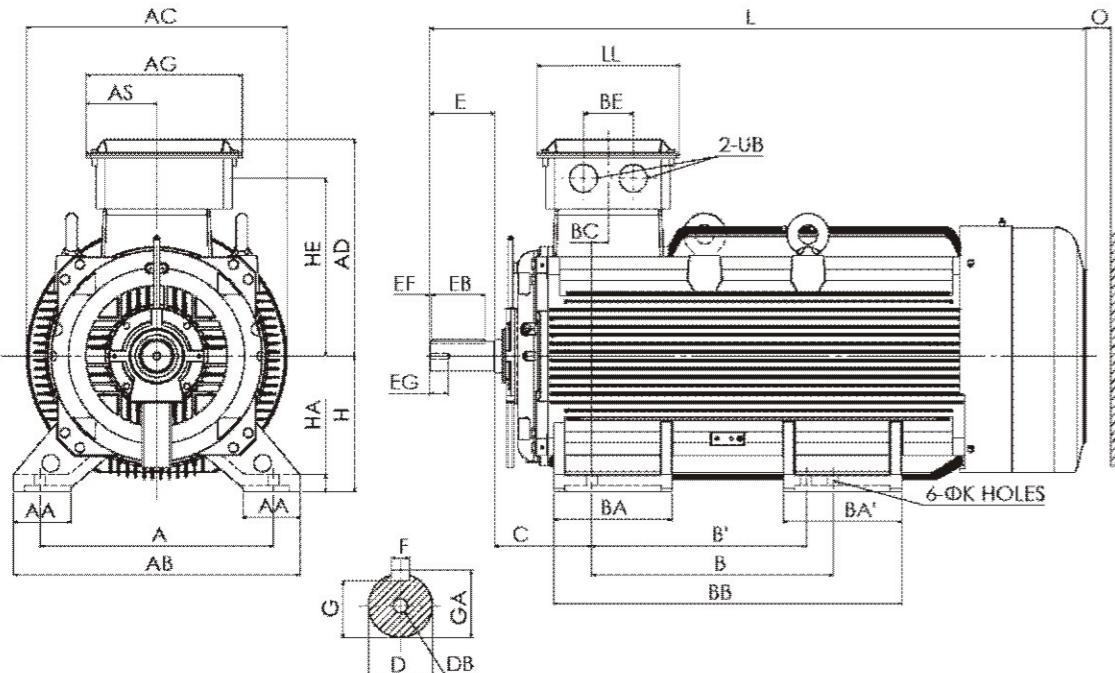
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B3(IM 1001)



Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA
2P	4P	6P	---																		
250	---	---	---	355MA	610	150	750	682	573	408	184	---	560	310	310	910	43	130	254	355	45
---	250	160	200	355MB	610	150	750	682	573	408	184	---	560	310	310	910	43	130	254	355	45
SHAFT EXTENSION																					
FRAME SIZE		HE	K	L	LL	O	UB		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END		
355MA		469	28	1687	372	230	M72X2		75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3		
355MB		469	28	1717	372	230	M72X2		95	170	160	5	48	25	86	100	M24	6322C3	6322C3		

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Shaft Center Height H : +0, -1

3. Tolerance of Key Width F : h9

4. T-Box Assy with two cable grand bodys.

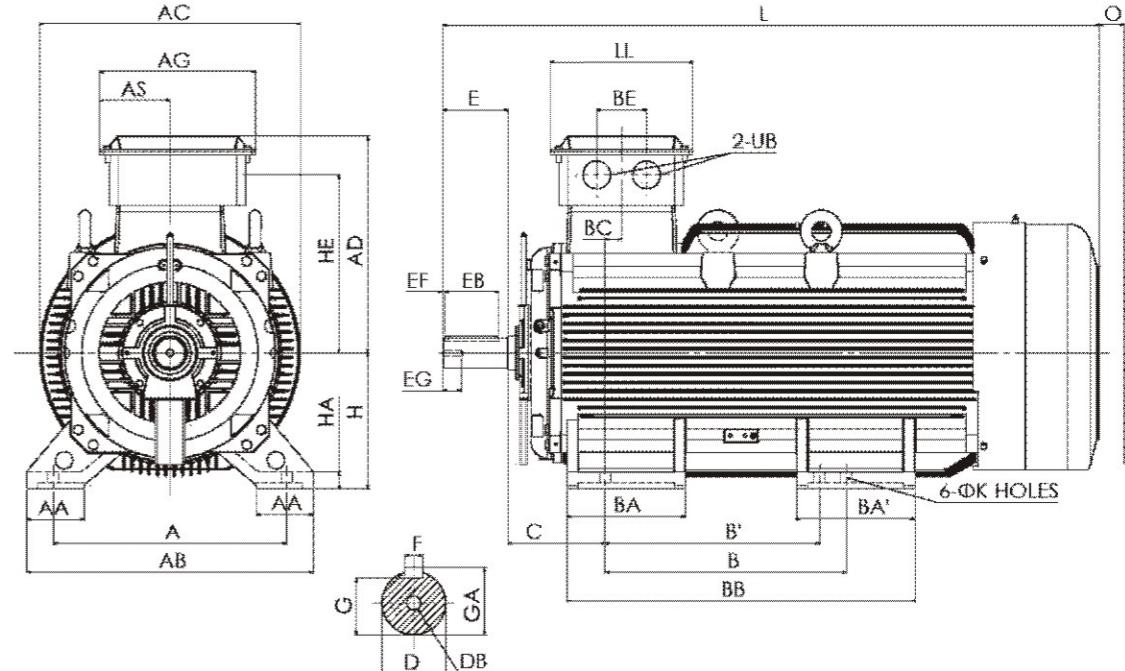
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B3(IM 1001)



Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	
2P	4P	6P	---																			
315	---	---	---	355LA	610	150	750	682	573	408	184	630	---	310	310	910	43	130	254	355	45	
---	315	250	---	355LB	610	150	750	682	573	408	184	630	---	310	310	910	43	130	254	355	45	
SHAFT EXTENSION																						
FRAME SIZE		HE	K	L	LL	O	UB		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END		OPPOSITE DRIVE END		
355LA		469	28	1687	372	230	M72X2		75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3		355LA	
355LB		469	28	1717	372	230	M72X2		95	170	160	5	48	25	86	100	M24	6322C3	6322C3		355LB	
SHAFT EXTENSION																						
FRAME SIZE		HE	K	L	LL	O	UB		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END		OPPOSITE DRIVE END		

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Shaft Center Height H : +0, -1

3. Tolerance of Key Width F : h9

4.T-Box Assy with two cable grand bodys.

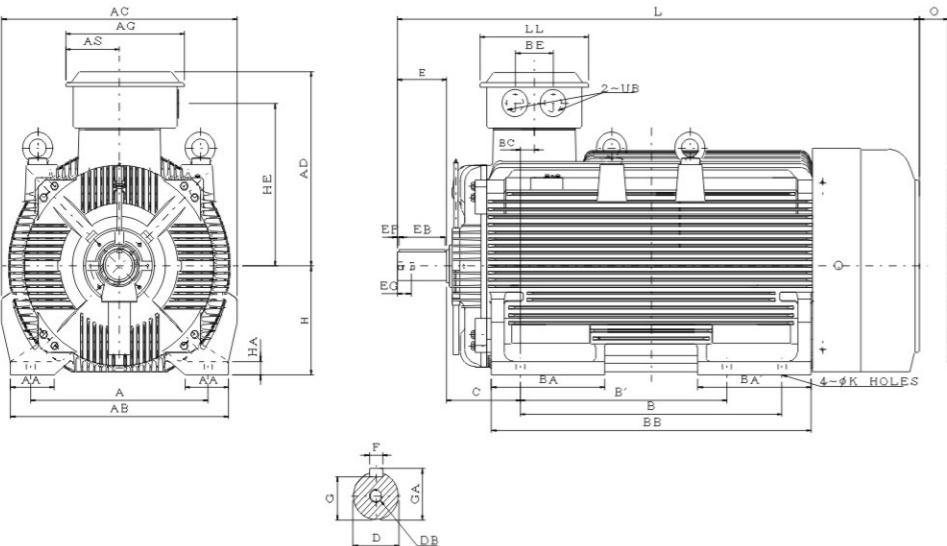
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B3(IM 1001)



外形图 Outline

外形及安装尺寸图

安装方式: B5(IM 3001)

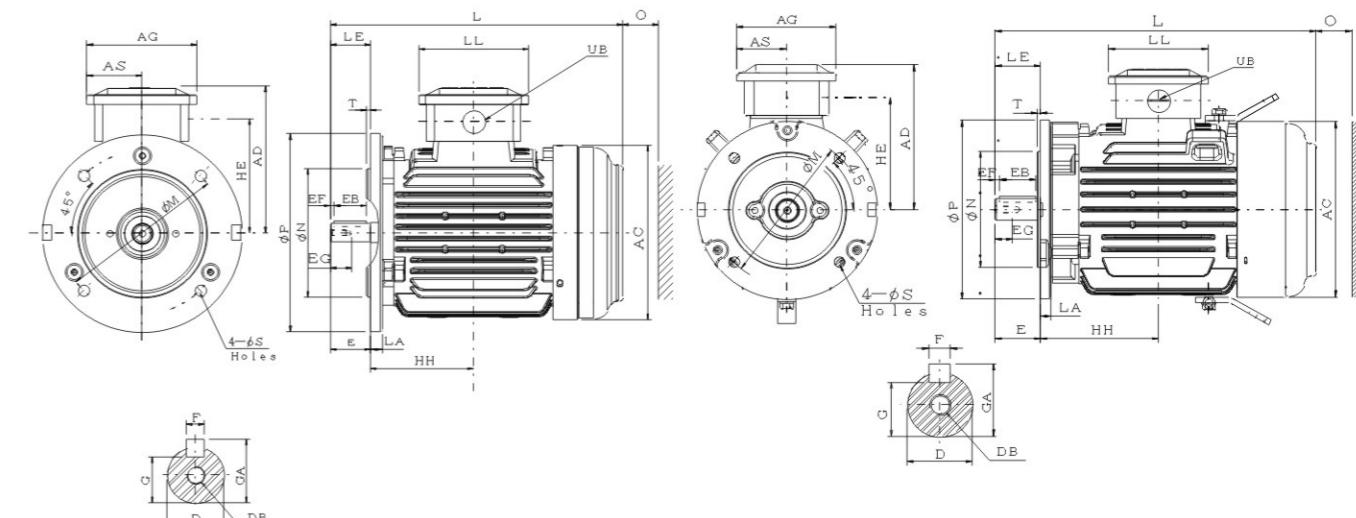


FIG.1

FIG.2

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B'	B	BA	BA'	BB	BC	BE	C	H	HA	
2P	4P	6P	---																			
355	---	---	---	355CA	610	150	750	810	633	408	184	710	900	390	390	1100	48	180	254	355	45	
400																						
---	355	315	355	---	355CB	610	150	750	810	633	408	184	710	900	390	390	1100	48	180	254	355	45
SHAFT EXTENSION																						
FRAME SIZE		HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END				
		529	28	1765	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3				
355CA		529	28	1795	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3				
		529	28	1795	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3				

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Shaft Center Height H : +0, -1

3. Tolerance of Key Width F : h9

4.T-Box Assy with two cable grand bodies.

5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---			LA	LE	M	N	P	S	T							
0.75	0.55	---	---	80M	1	12	40	165	130	200	12	3.5	177	152	110	55	115	103.5	292
1.1	0.75	0.55	---																
1.5	1.1	0.75	---	90S	2	12	50	165	130	200	12	3.5	197	162	110	55	125	125.5	344
2.2	1.5	1.1	---	90L		12	50	165	130	200	12	3.5	197	162	110	55	125	130.5	354
SHAFT EXTENSION																			
FRAME SIZE		LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END				
		80M	110	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ			
90S		90S	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ			
		90L	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ			

Note : 1. Tolerance of shaft end diameter D: j6.

2. Tolerance of N : j6.

3. T-Box Assy with a cable grand body.

4.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B5(IM 3001)

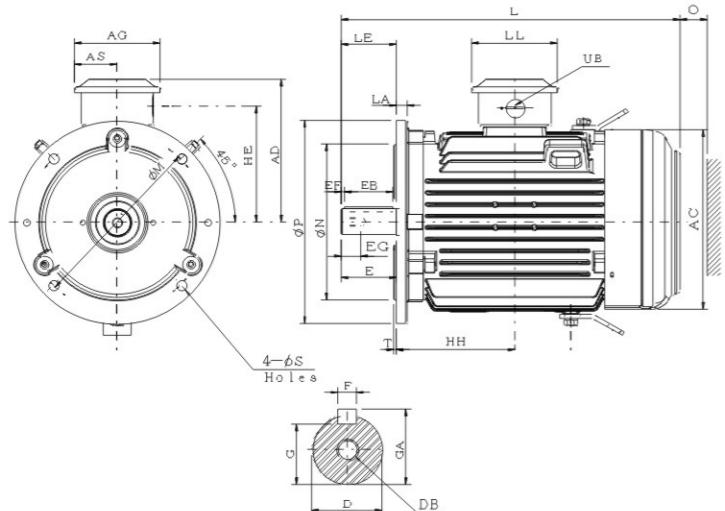


FIG.3

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL	O	
2P	4P	6P	---			LA	LE	M	N	P	S	T										
3	2.2	1.5	---	100L		16	60	215	180	250	14.5	4	219	178.5	127	63.5	138	135.5	391	120	50	
---	3	---	---																			
4	4	2.2	---	112M		15	60	215	180	250	14.5	4	235	191	127	63.5	150.5	145	412.5	120	50	
5.5	5.5	3	---	132S	3	16	80	265	230	300	14.5	4	273	208.5	127	63.5	168	154	456	120	50	
7.5	--	--	--																			
--	7.5	4	---	132M		16	80	265	230	300	14.5	4	273	208.5	127	63.5	168	173	494	120	50	
--	--	5.5	---																			

FRAME SIZE	UB	SHAFT EXTENSION							BEARING			
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
100L	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ
112M	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ
132S	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ
132M	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ

Note : 1. Tolerance of shaft end diameter D : $\phi 28 : j6$, $\phi 38 : k6$.

2. Tolerance of N : j6.

3. T-Box Assy with a cable grand body.

4.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B5(IM 3001)

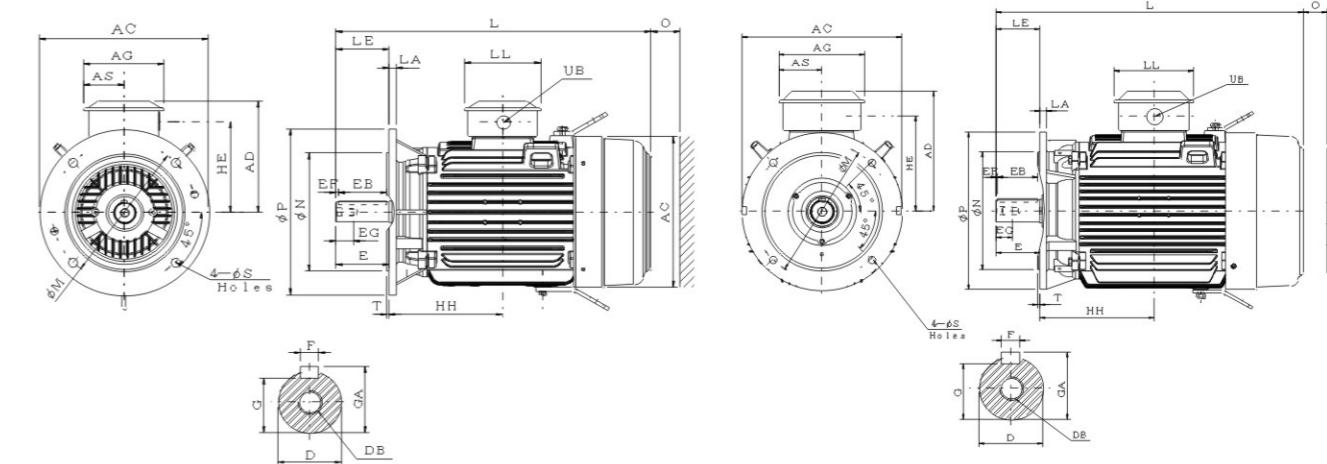


FIG.4

FIG.5

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL	O		
2P	4P	6P	---			LA	LE	M	N	P	S	T											
11	11	7.5	---	160M	4	15	110	300	250	350	18.5	5	350	234	166	83	192	213	608	160	60		
15	15	11	---	160L		15	110	300	250	350	18.5	5	350	234	166	83	192	235	652	160	60		
22	18.5	---	---	180M	5	15	110	300	250	350	18.5	5	354	266	166	83	218	241.5	672	160	70		
--	22	15	---	180L		15	110	300	250	350	18.5	5	354	266	166	83	218	260.5	710	160	70		
30	30	18.5	22	200L		17	110	350	300	400	18.5	5	400	304.5	215	107.5	241	285.5	770	199	80		
FRAME SIZE		UB		SHAFT EXTENSION										BEARING									
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	D	E	EB	EF	EG	F	G	GA	DB
160M	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ											
160L	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ											
180M	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3)	(6310ZZC3)											
180L	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311ZZ	6310ZZ											
200L	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3)	(6212ZZC3)											

Note : 1. Tolerance of shaft end diameter D : a) $\phi 42 \sim \phi 48 : k6$; b) $\phi 55 : m6$.

2. Tolerance of N : j6.

3. Bearing No. In () is for 2P. 4. T-Box Assy with a cable grand body.

5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B5(IM 3001)

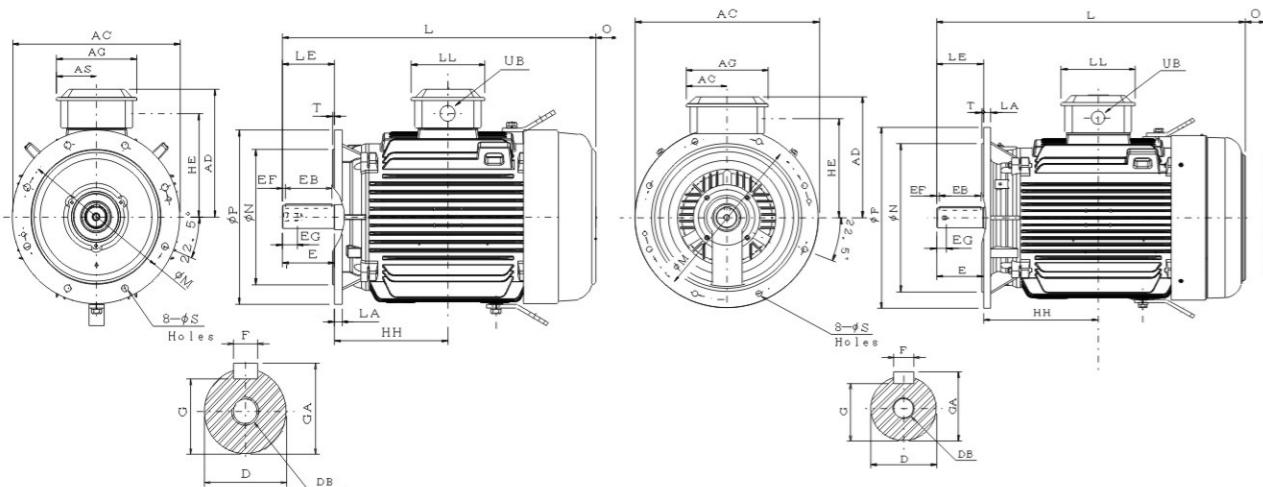


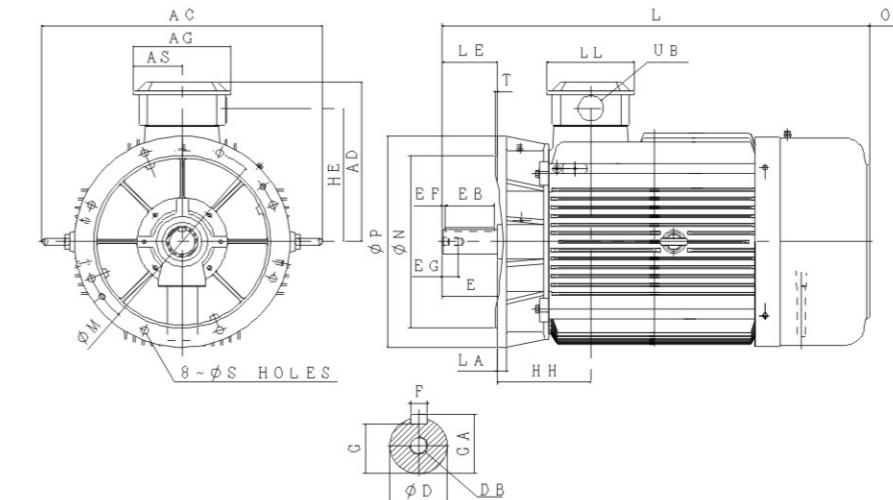
FIG.6

FIG.7

外形图 Outline

外形及安装尺寸图

安装方式: B5(IM 3001)



Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---			LA	LE	M	N	P	S	T							
---	37	---	---	225SC	6	20	140	400	350	450	18.5	5	450	330.5	215	107.5	267	292	816
45	---	---	---			20	110	400	350	450	18.5	5	450	330.5	215	107.5	267	304.5	811
---	45	30	---			20	140	400	350	450	18.5	5	450	330.5	215	107.5	267	304.5	841
55	---	---	---	250MA	7	22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921
---	55	37	---			22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921

FRAME SIZE	LL	O	UB	SHAFT EXTENSION							BEARING			
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
225SC	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)
225MA	199	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ
225MC	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	6313-ZC3	6313-ZC3
250MA	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313-ZC3	6313-ZC3
250MC	224	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315-Z	6313-Z

Note : 1. Tolerance of shaft end diameter D : m6.

2. Tolerance of N : j6.

3. Bearing No . In () is for 2P. 4. T-Box Assy with a cable grand body.

5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---		LA	LE	M	N	P	S	T							
75	---	---	---	280SA	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1037.5
---	75	45	---	280SB	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1037.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1087.5
---	90	55	---	280MB	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1087.5

FRAME SIZE	LL	O	UB	SHAFT EXTENSION							BEARING				
				D	E	EB	EF	EG	F	G	DRIVE END	OPPOSITE DRIVE END	DRIVE END	OPPOSITE DRIVE END	
280SA	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3	
280SB	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3	
280MA	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3	
280MB	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3	

Note : 1. Tolerance of Shaft End Diameter D : m6.

2. Tolerance of Key Width F : h9

3. Tolerance of N : j6

4. T-Box Assy with a cable grand body.

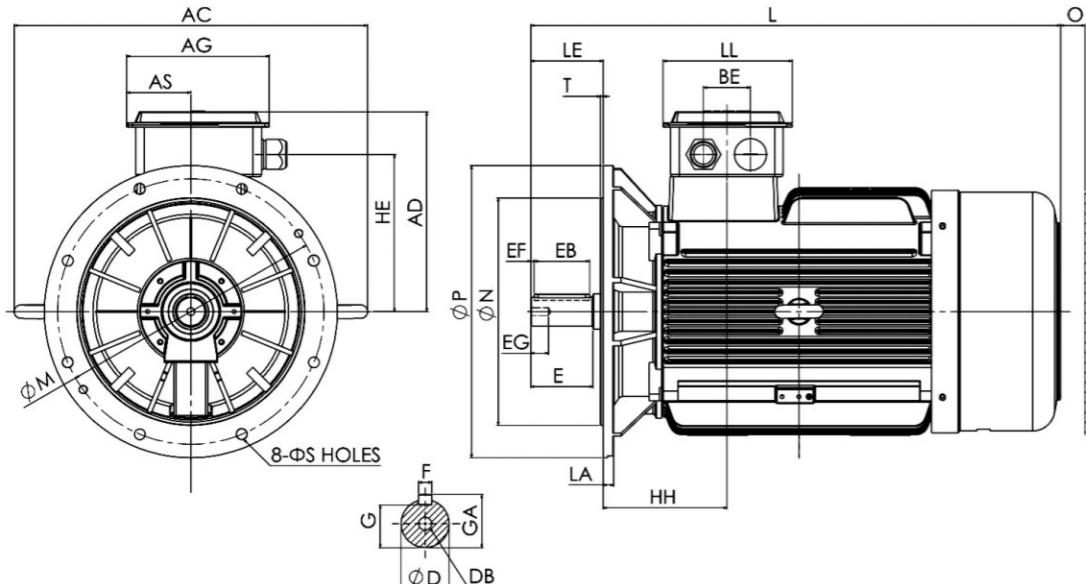
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B5(IM 3001)



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O	
2P	4P	6P	---		LA	LE	M	N	P	S	T											
110	---	---	---	315SA	25	140	600	550	660	24	6	715	456.5	318	144	106	359	269	1162	288	180	
---	110	75	---	315SB	25	170	600	550	660	24	6	715	456.5	318	144	106	359	269	1192	288	180	
SHAFT EXTENSION																						
FRAME SIZE	UB	SHAFT EXTENSION										BEARING										
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	BEARING										
315SA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3										
315SB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3										

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of N : js6

4.T-Box Assy with two cable grand bodys.

5.TEV1 only refers to the installation size ,the outline will be slightly different

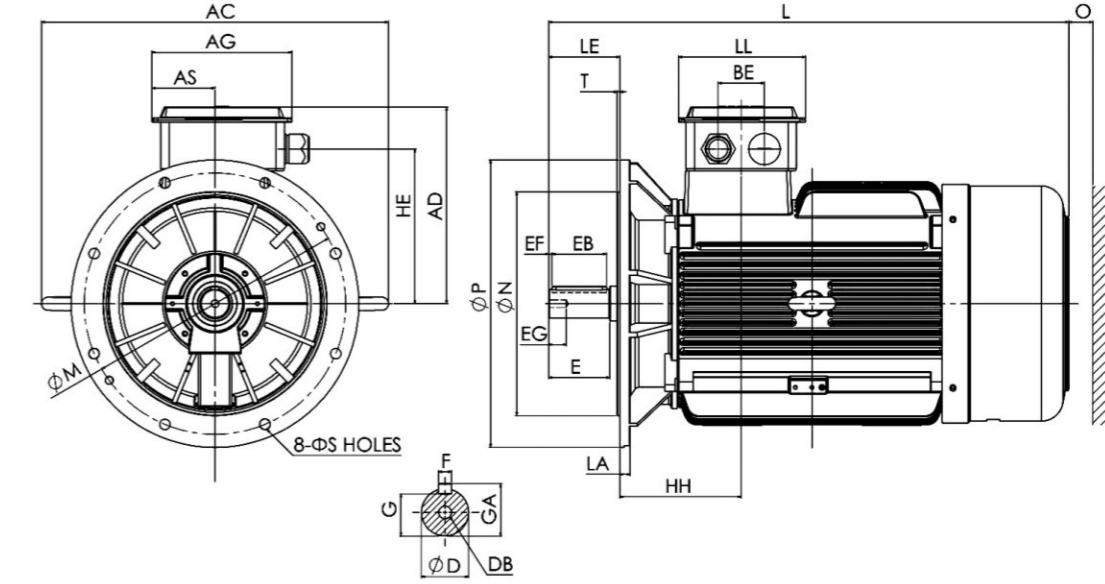
(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图



安装方式: B5(IM 3001)



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O	
2P	4P	6P	---		LA	LE	M	N	P	S	T											
132	---	---	---	315MA	25	140	600	550	660	24	6	769	481.5	318	144	106	384	269	1246	288	180	
---	132	90	---	315MB	25	170	600	550	660	24	6	769	481.5	318	144	106	384	269	1276	288	180	
SHAFT EXTENSION																						
FRAME SIZE	UB	SHAFT EXTENSION										BEARING										
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END										
315MA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3										
315MB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3										

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of N : js6

4.T-Box Assy with two cable grand bodys.

5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

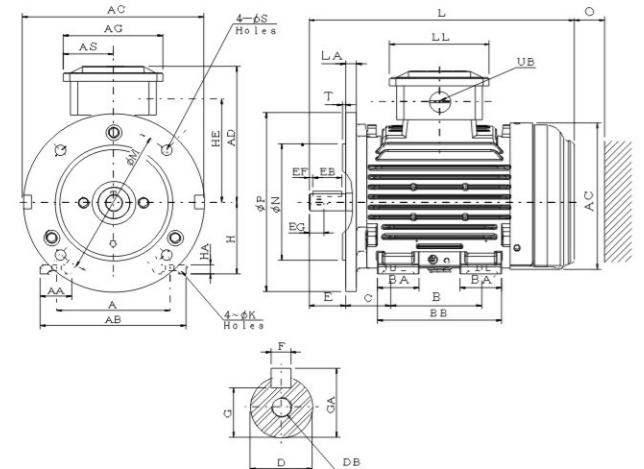


FIG.1

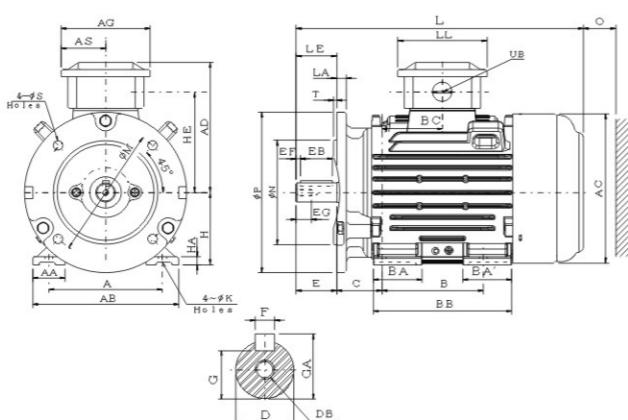


FIG.2

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H													
2P	4P	6P	---			LA	LE	M	N	P	S	T																												
0.75	0.55	---	---	80M	1	12	40	165	130	200	12	3.5	125	34.5	161	177	152	110	55	100	---	46	46	137	53.5	50	80													
1.1	0.75	0.55	---																																					
1.5	1.1	0.75	---	90S	2	12	50	165	130	200	12	3.5	140	40	180	197	162	110	55	100	---	67.5	67.5	161	69.5	56	90													
2.2	1.5	1.1	---	90L		12	50	165	130	200	12	3.5	140	40	180	197	162	110	55	125	---	60.5	60.5	171	74.5	56	90													
FRAME SIZE			HA		HE		K		L		LL		O		UB		SHAFT EXTENSION							BEARING																
																			D		E		EB		EF		EG		F		G		GA		DB		DRIVE END		OPPOSITE DRIVE END	
80M	10					115	10	292	110	40		M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ																	
90S	10					125	10	344	110	40		M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ																	
90L	10					125	10	354	110	40		M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ																	

Note : 1. Tolerance of shaft end diameter D: j6.

2. Tolerance of shaft center high H : +0, -0.5.

3. Tolerance of N : j6.

4. T-Box Assy with a cable grand body.

5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B35(IM 2001)

安装方式: B35(IM 2001)

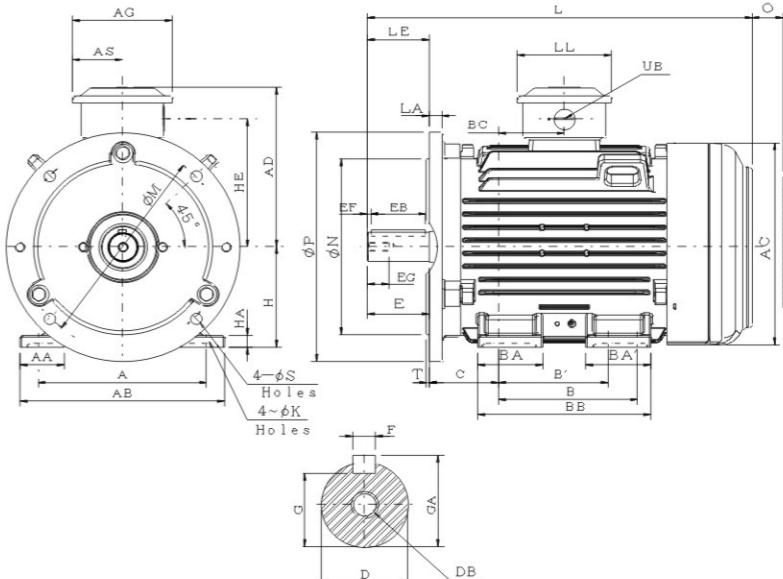


FIG.3

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H													
2P	4P	6P	---			LA	LE	M	N	P	S	T																												
3	2.2	1.5	---	100L		16	60	215	180	250	14.5	4	160	40	200	219	178.5	127	63.5	140	---	66.5	66.5	181	72.5	63														
4	4	2.2	---	112M		15	60	215	180	250	14.5	4	190	45	235	235	191	127	63.5	140	---	65.5	65.5	186	75	70														
5.5	5.5	3	---	132S	3	16	80	265	230	300	14.5	4	216	57	263	273	208.5	127	63.5	140	---	64	64	184	65	89														
7.5	---	---	---	132M		16	80	265	230	300	14.5	4	216	57	263	273	208.5	127	63.5	178	140	83.5	83.5	222	84	89														
FRAME SIZE			H		HA		HE		K		L		LL		O		UB		SHAFT EXTENSION							BEARING														
																			D		E		EB		EF		EG		F		G		GA		DB		DRIVE END		OPPOSITE DRIVE END	
100L	100	12	138	12	391	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ																					
112M	112	13	150.5	12	412.5	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ																					
132S	132	16	168	12	456	120	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ																					

外形图 Outline

外形及安装尺寸图

安装方式: B35(IM 2001)

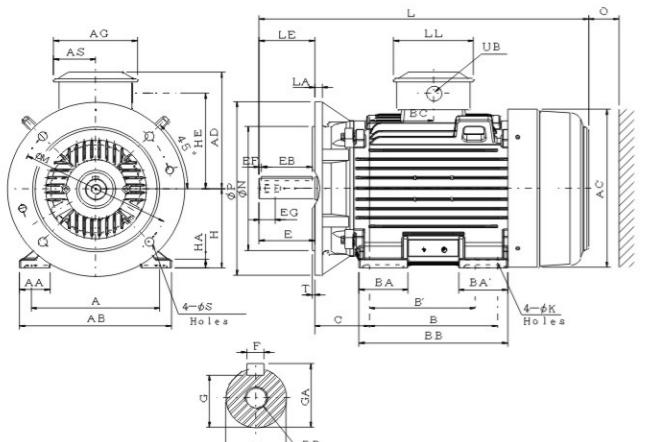


FIG.4

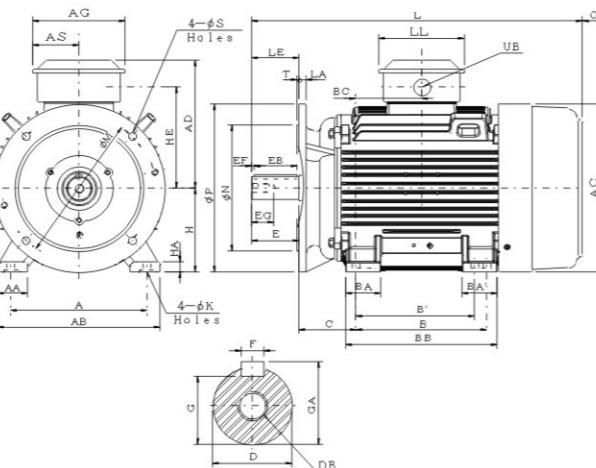


FIG.5

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB
2P	4P	6P	---			LA	LE	M	N	P	S	T												
11 15	11	7.5	--	160M	4	15	110	300	250	350	18.5	5	254	60	300	318	234	166	83	210	---	57	57	256
18.5	15	11	--			15	110	300	250	350	18.5	5	254	60	300	318	234	166	83	254	210	97	97	300
22	18.5	--	--	180M	5	15	110	300	250	350	18.5	5	279	65	330	354	266	166	83	241	---	65	65	292
---	22	15	--			15	110	300	250	350	18.5	5	279	65	330	354	266	166	83	279	241	115	115	330
30 37	30	18.5 22	--	200L	5	17	110	350	300	400	18.5	5	318	70	378	398	304.5	215	107.5	305	---	82	82	353

FRAME SIZE	BC	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION				BEARING						
											D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
160M	105	108	160	18	192	14.5	608	160	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
160L	127	108	160	18	192	14.5	652	160	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
180M	120.5	121	180	20	218	14.5	672	160	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3) 6311ZZ	(6310ZZC3) 6310ZZ
180L	139.5	121	180	20	218	14.5	710	160	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6312ZZC3) 6312ZZ	(6212ZZC3) 6212ZZ
200L	152.5	133	200	24	241	18.5	770	199	80	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6312ZZ	(6212ZZC3) 6212ZZ

Note : 1. Tolerance of shaft end diameter D : a) $\phi 42 \sim \phi 48$: k6 ; b) $\phi 55$: m6.

2. Tolerance of shaft center high H : +0, -0.5.

3. Tolerance of N : j6.

4. Bearing No . In () is for 2P.

5. T-Box Assy with a cable grand body.

6.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B35(IM 2001)

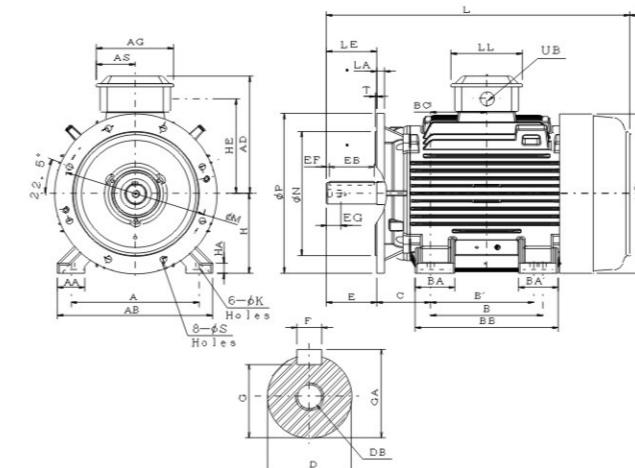


FIG.6

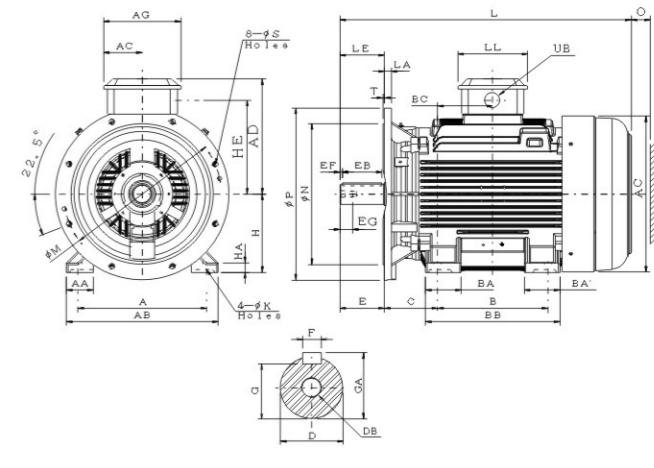


FIG.7

Dimension in mm

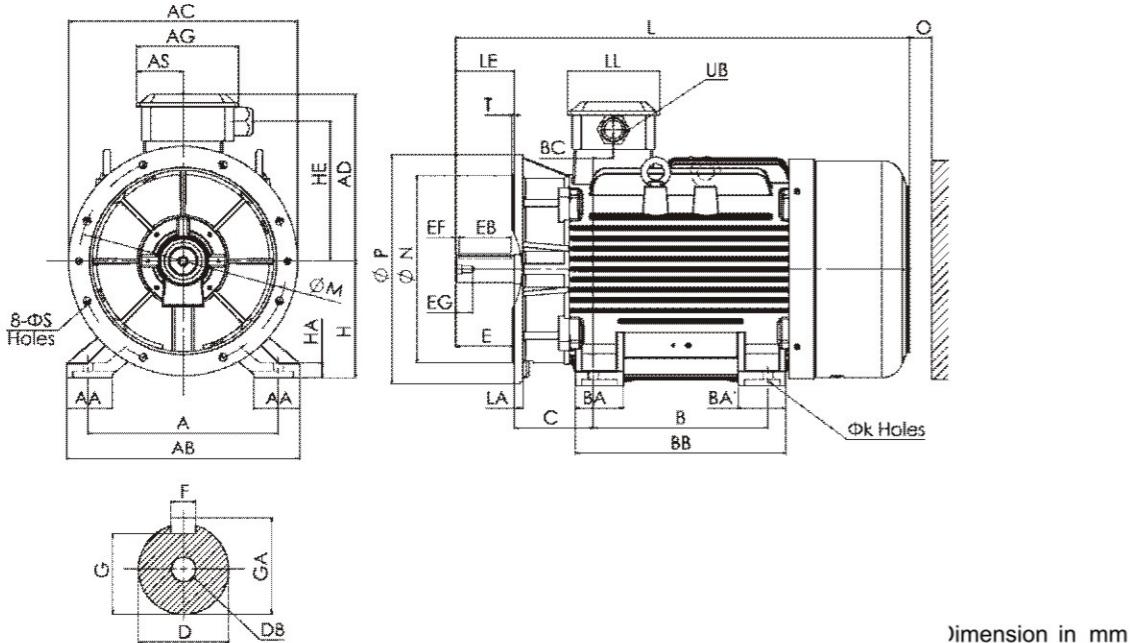
Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC
2P	4P	6P	--			LA	LE	M	N	P	S	T													
---	37	--	--	225SC	6	20	140	400	350	450	18.5	5	356	75	431	449	330.5	215	107.5	286	--	98.5	98.5	371	143
45	--	--	--			20	110	400	350	450	18.5	5	356	75	431	449	330.5	215	107.5	311	286	110	110	396	155.5
---	45	30	--	225MC	7	20	140	400	350	450	18.5	5	356	75	431	449	330.5	215	107.5	311	286	110	110	396	155.5
55	--	--	--			22	140	500	450	550	18.5	5	406	85	480	499	372.5	249	124.5	349	--	112.5	112.5	425	174.5
---	55	37	--	250MC	22	140	500	450	550	18.5	5	406	85	480	499	372.5	249	124.5	349	--	112.5	112.5	425	174.5	

FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION				BEARING			
										D	E	EB	EF	EG	F	G	GA

外形图 Outline

外形及安装尺寸图

安装方式: B35(IM 2001)



Output (kW)				FRAME SIZE	FLANGE DIMENSION								Shaft Extension & Bearing Dimensions																									
2P	4P	6P	---		LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	C	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END			
75	---	---	---	280SA	22	140	500	450	550	18.5	5	457	110	560	550	408.5	249	124.5	368	110	110	455	48	190														
---	75	45	---	280SB	22	140	500	450	550	18.5	5	457	110	560	550	408.5	249	124.5	368	110	110	455	48	190														
90	---	---	---	280MA	22	140	500	450	550	18.5	5	457	110	560	550	408.5	249	124.5	419	115	115	505	48	190														
---	90	55	---	280MB	22	140	500	450	550	18.5	5	457	110	560	550	408.5	249	124.5	419	115	115	505	48	190														
FRAME SIZE				HA	HE	K	L	LL	O	UB		SHAFT EXTENSION								BEARING								SHAFT EXTENSION				BEARING						
280SA	280	35	336	24	1037.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3									D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SB	280	35	336	24	1037.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3																			
280MA	280	35	336	24	1087.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3																			
280MB	280	35	336	24	1087.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3																			

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of Shaft Center Height H : +0, -1

4. Tolerance of N : j6

5. T-Box Assy with a cable grand body.

6.TEV1 only refers to the installation size ,the outline will be slightly different

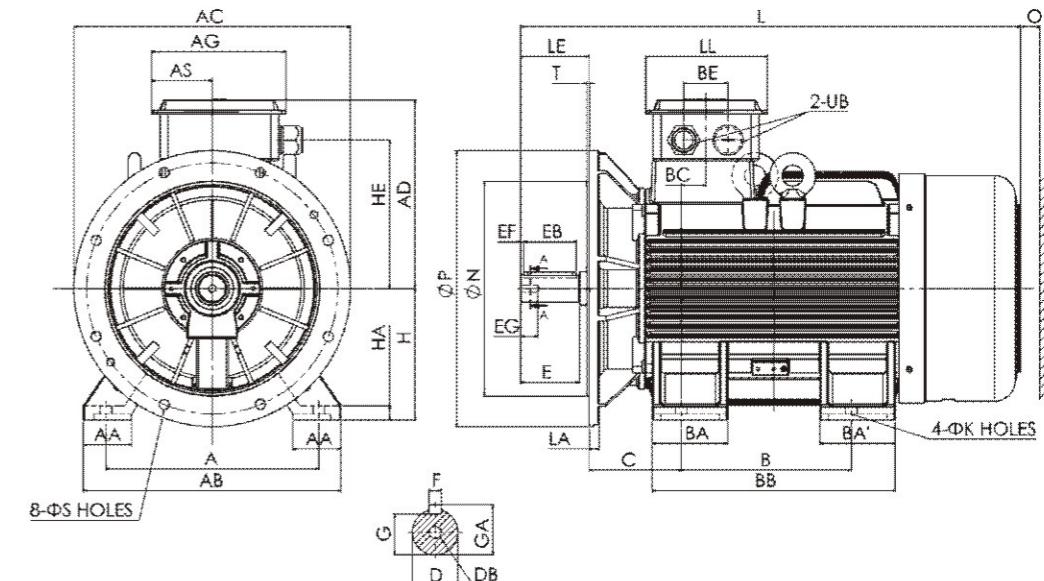
(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图



安装方式: B35(IM 2001)



Output (kW)				FRAME SIZE	FLANGE DIMENSION								Shaft Extension & Bearing Dimensions												D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
2P	4P	6P	---		LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
110	---	---	---	315SA	25	140	600	550	660	24	6	508	115	615	660	456.5	318	144	406	180	180	580	53	106												
---	110	75	---	315SB	25	170	600	550	660	24	6	508	115	615	660	456.5	318	144	406	180	180	580	53	106												
FRAME SIZE				C	H	HA	HE	K	L	LL	O	UB		SHAFT EXTENSION												D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315SA	216	315	35			369	28		1162	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3													
315SB	216	315	35			369	28		1192	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3													

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of Shaft Center Height H : +0, -1

4. Tolerance of N : js6

5. T-Box Assy with two cable grand bodies.

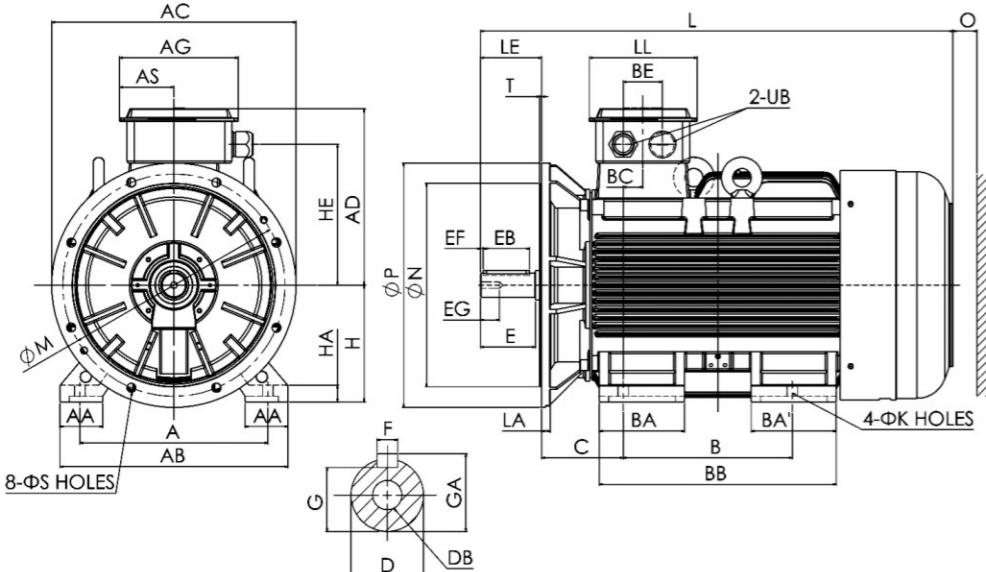
6.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B35(IM 2001)



Output (kW)				FRAME SIZE	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE		
2P	4P	6P	--		LA	LE	M	N	P	S	T															
132	--	--	--	315MA	25	140	600	550	660	24	6	508	115	630	660	481.5	318	144	457	240	240	640	53	106		
--	132	90	--	315MB	25	170	600	550	660	24	6	508	115	630	660	481.5	318	144	457	240	240	640	53	106		
SHAFT EXTENSION																										
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END						
	315MA	216	315	45	384	28	1246	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
BEARING																										
315MB	216	315	45	384	28	1276	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3						

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of Shaft Center Height H : +0, -1

4. Tolerance of N : js6

5.T-Box Assy with two cable grand bodys.

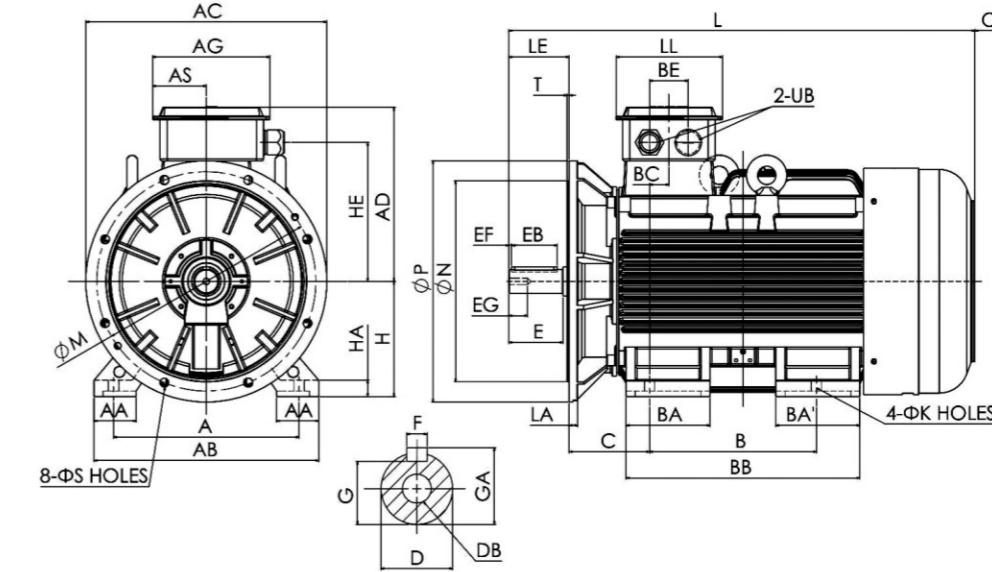
6.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

TECO
安装方式: B35(IM 2001)



Output (kW)				FRAME SIZE	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE		
2P	4P	6P	--		LA	LE	M	N	P	S	T															
160	--	--	--	315LA	25	140	600	550	660	24	6	508	130	630	660	481.5	318	144	508	230	230	740	53	106		
--	160	110	200	315LB	25	170	600	550	660	24	6	508	130	630	660	481.5	318	144	508	230	230	740	53	106		
SHAFT EXTENSION																										
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END						
	315LA	216	315	45	384	28	1346	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
BEARING																										
315LB	216	315	45	384	28	1376	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3						

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of Shaft Center Height H : +0, -1

4. Tolerance of N : js6

5.T-Box Assy with two cable grand bodys.

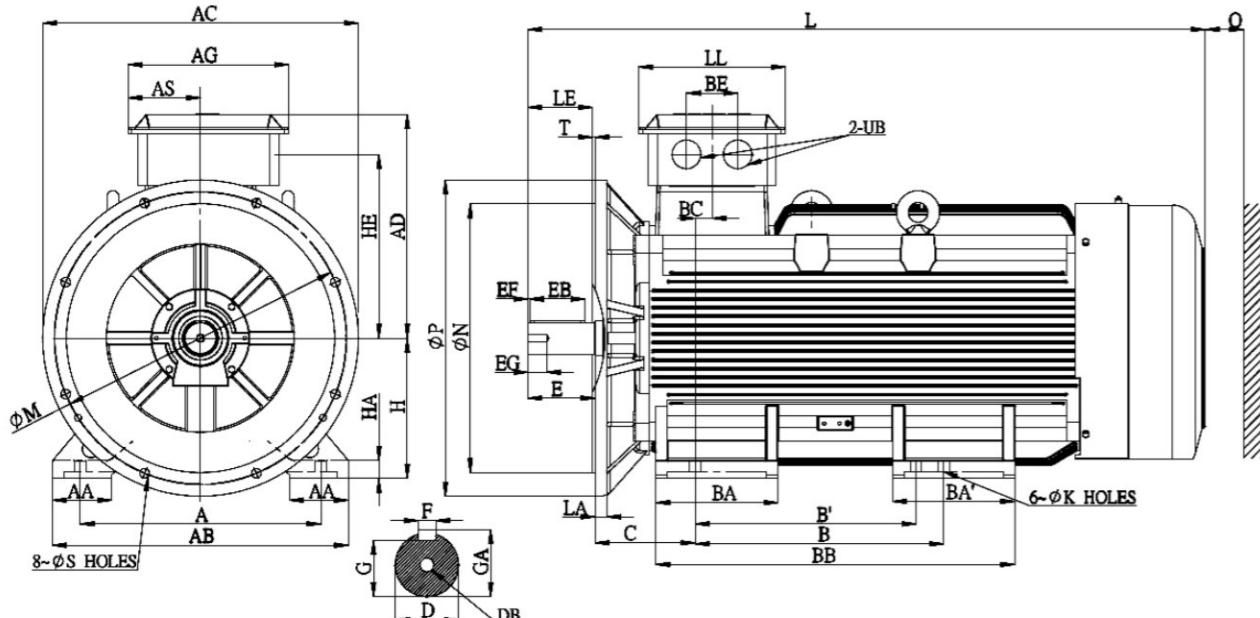
6.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B35(IM 2001)



Output (kW)				FRAME SIZE	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE				
2P	4P	6P	---		LA	LE	M	N	P	S	T																	
250	---	---	---	355MA	30	140	740	680	800	24	6	610	150	750	800	573	408	184	560	310	310	910	43	130				
---	250	160 200	---	355MB	30	170	740	680	800	24	6	610	150	750	800	573	408	184	560	310	310	910	43	130				
SHAFT EXTENSION																												
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	SHAFT EXTENSION							
	355MA	254	355	45	469	28	1687	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3	SHAFT EXTENSION						
FRAME SIZE	355MB	254	355	45	469	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3	SHAFT EXTENSION						

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of Shaft Center Height H : +0, -1

4. Tolerance of N : js6

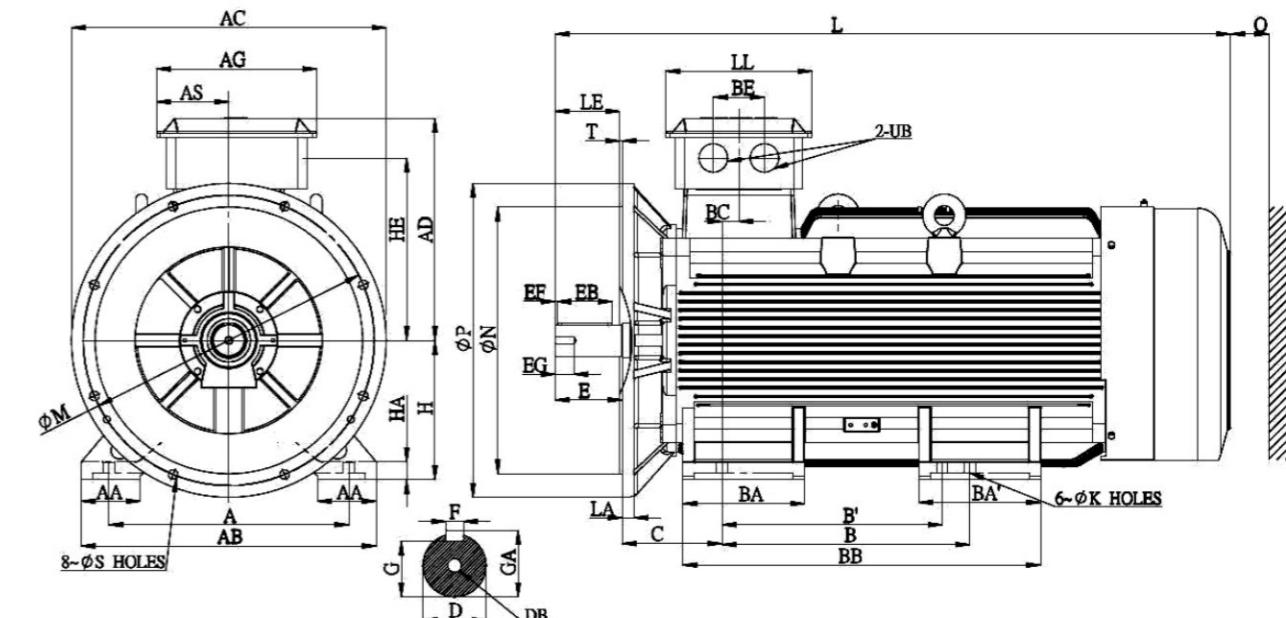
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B35(IM 2001)



Output (kW)				FRAME SIZE	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE				
2P	4P	6P	---		LA	LE	M	N	P	S	T																	
315	---	---	---	355LA	30	140	740	680	800	24	6	610	150	750	800	573	408	184	630	310	310	910	43	130				
---	315	250	---	355LB	30	170	740	680	800	24	6	610	150	750	800	573	408	184	630	310	310	910	43	130				
SHAFT EXTENSION																												
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	SHAFT EXTENSION							
	355LA	254	355	45	469	28	1687	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3	SHAFT EXTENSION						
FRAME SIZE	355LB	254	355	45	469	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3	SHAFT EXTENSION						

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of Shaft Center Height H : +0, -1

4. Tolerance of N : js6

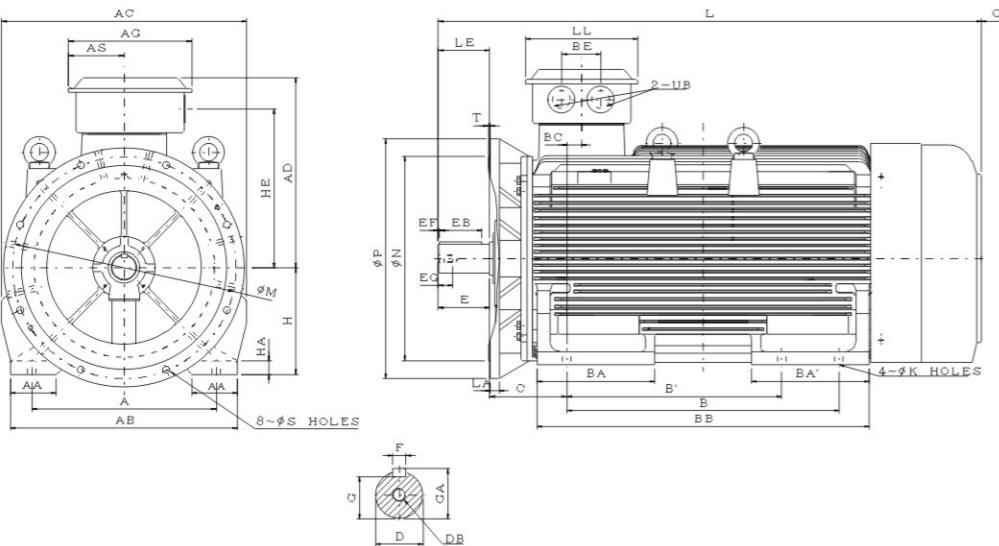
5.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: B35(IM 2001)



Output (kW)				FRAME SIZE	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	
2P	4P	6P	---		LA	LE	M	N	P	S	T															
355				355CA	30	140	740	680	800	24	6	610	150	750	810	633	408	184	710	900	390	390	1100	48	130	
400	--	--	--																							
--	355	315	355	355CB	30	170	740	680	800	24	6	610	150	750	810	633	408	184	710	900	390	390	1100	48	130	
FRAME SIZE				SHAFT EXTENSION							BEARING															
FRAME SIZE				C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END			
355CA	254	355	45	529	28	1765	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3						
355CB	254	355	45	529	28	1795	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3						

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of Shaft Center Height H : +0, -1

4. Tolerance of N : js6

5. T-Box Assy with two cable grand bodies.

6.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图



安装方式: V1(IM 3011)

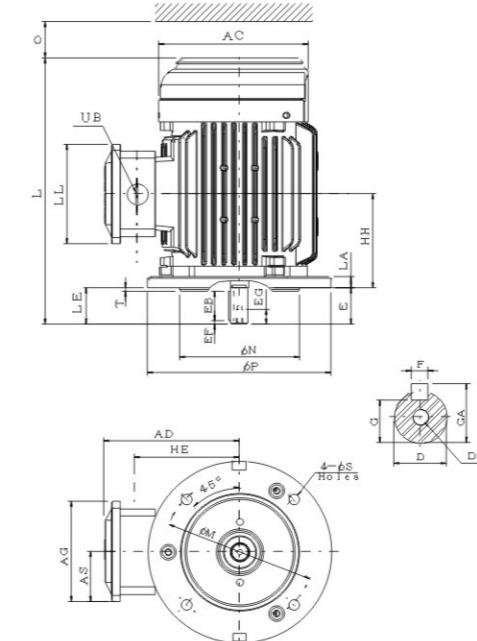


FIG.1

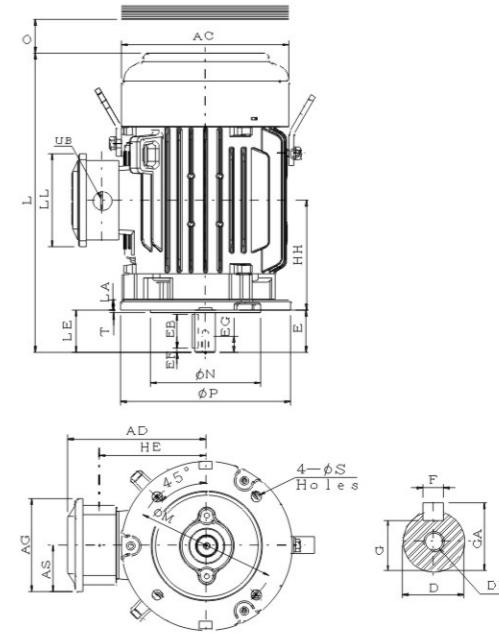


FIG.2

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L		
2P	4P	6P	---			LA	LE	M	N	P	S	T									
0.75	0.55	---	---	80M	1	12	40	165	130	200	12	3.5	177	152	110	55	115	103.5	292		
1.1	0.75	0.55	---																		
1.5	1.1	0.75	---	90S	2	12	50	165	130	200	12	3.5	197	162	110	55	125	125.5	344		
2.2	1.5	1.1	---	90L		12	50	165	130	200	12	3.5	197	162	110	55	125	130.5	354		
FRAME SIZE				LL			O		UB	SHAFT EXTENSION							BEARING				
FRAME SIZE				LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	BEARING			
80M	110	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ							
90S	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ							
90L	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ							

Note : 1. Tolerance of shaft end diameter D: j6.

2. Tolerance of N : j6.

3. T-Box Assy with a cable grand body.

4.TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: V1(IM 3011)

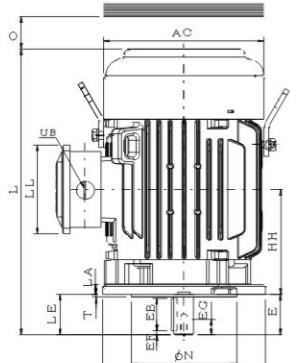


FIG.3

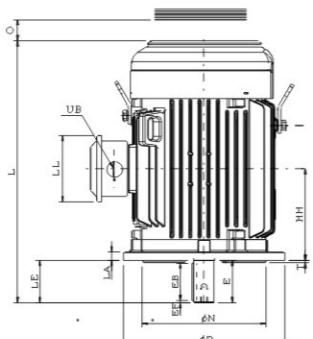
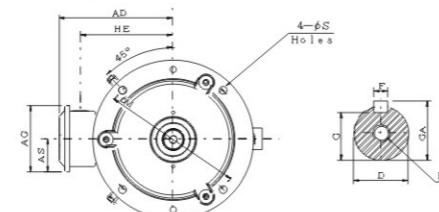
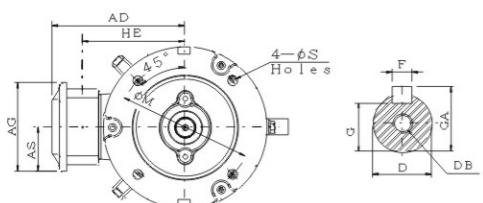


FIG.4



Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL	O	
2P	4P	6P	--			LA	LE	M	N	P	S	T										
3	2.2	1.5	--	100L	4	16	60	215	180	250	14.5	4	219	178.5	127	63.5	138	135.5	391	120	50	
--	3	--	--																			
4	4	2.2	--	112M	3	15	60	215	180	250	14.5	4	235	191	127	63.5	150.5	145	412.5	120	50	
5.5	5.5	3	--	132S	4	16	80	265	230	300	14.5	4	273	208.5	127	63.5	168	154	456	120	50	
7.5	--	--	--			16	80	265	230	300	14.5	4	273	208.5	127	63.5	168	173	494	120	50	
--	7.5	4	--	132M																		
--	--	5.5	--																			

FRAME SIZE	UB	SHAFT EXTENSION							BEARING			
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
100L	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ
112M	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ
132S	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ
132M	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ

Note : 1. Tolerance of shaft end diameter D : $\phi 28:j6$, $\phi 38:k6$.

2. Tolerance of N : j6.

3. T-Box Assy with a cable grand body.

4. TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: V1(IM 3011)

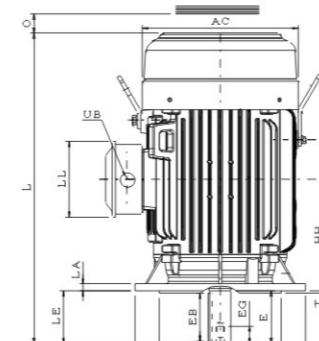


FIG.5

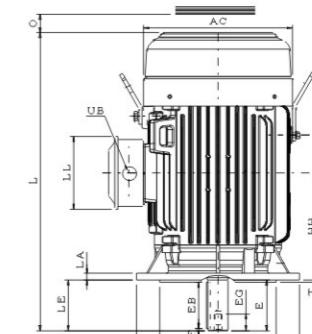
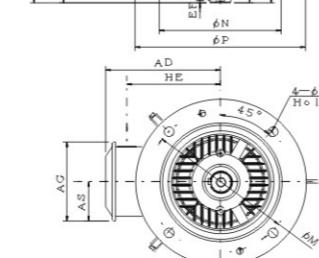


FIG.6



Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL	O
2P	4P	6P	--			LA	LE	M	N	P	S	T									
11	11	7.5	--	160M	5	15	110	300	250	350	18.5	5	350	234	166	83	192	213	608	160	60
15	--	--	--	160L		15	110	300	250	350	18.5	5	350	234	166	83	192	235	652	160	60
22	18.5	--	--	180M	6	15	110	300	250	350	18.5	5	354	266	166	83	218	241.5	672	160	70
--	22	15	--	180L		15	110	300	250	350	18.5	5	354	266	166	83	218	260.5	710	160	70
30	30	18.5	--	200L	17	110	350	300	400	400	18.5	5	400	304.5	215	107.5	241	285.5	770	199	80
37	--	22	--																		

FRAME SIZE	UB	SHAFT EXTENSION							BEARING				
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
160M	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ	
160L	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ	
180M	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3)	(6310ZZC3)	
180L	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311ZZ	6310ZZ	
200L	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3)	(6212ZZC3)	

Note : 1. Tolerance of shaft end diameter D : a) $\phi 42 \sim \phi 48 : k6$; b) $\phi 55 : m6$.

2. Tolerance of N : j6.

3. Bearing No. In () is for 2P.

4. T-Box Assy with a cable grand body.

5. TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: V1(IM 3011)

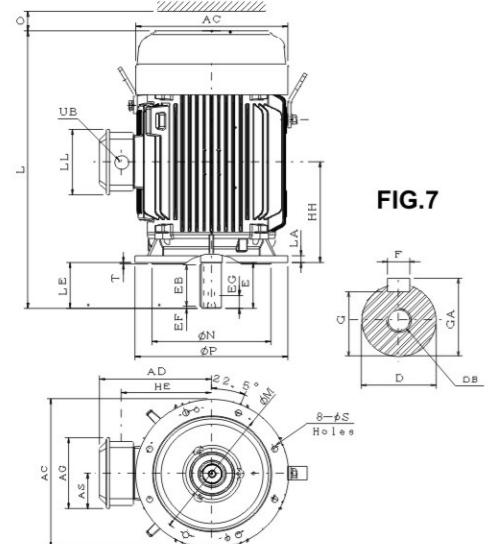


FIG.7

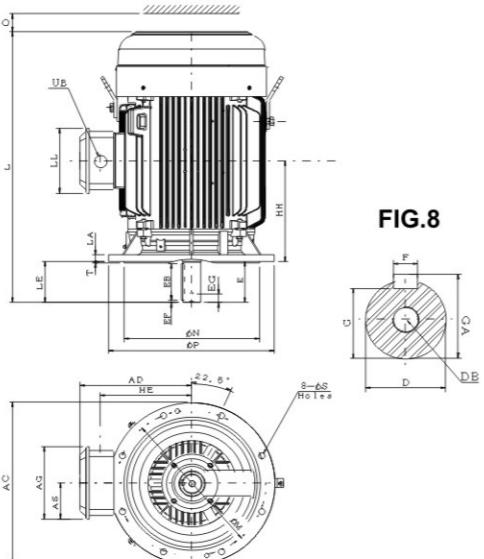


FIG.8

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L										
2P	4P	6P	---			LA	LE	M	N	P	S	T																	
---	37	---	---	225SC	7	20	140	400	350	450	18.5	5	450	330.5	215	107.5	267	292	816										
45	---	---	---			20	110	400	350	450	18.5	5	450	330.5	215	107.5	267	304.5	811										
---	45	30	---			20	140	400	350	450	18.5	5	450	330.5	215	107.5	267	304.5	841										
55	---	---	---			22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921										
---	55	37	---	250MA	8	22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921										
---	55	37	---			22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921										
SHAFT EXTENSION				BEARING																									
FRAME SIZE		LL		O		UB		D		E		EB		EF		EG		F		G		GA		DB		DRIVE END		OPPOSITE DRIVE END	
225SC	199	90	M50X1.5		60	140	125	7.5	42	18	53	64	M20		(6312ZZC3)		(6213ZZ)		(6313ZZ)		(6213ZZ)		(6313-ZC3)		(6313-ZC3)				
225MA	199	90	M50X1.5		55	110	100	5	42	16	49	59	M20		(6312ZZC3)		(6213ZZ)		(6313ZZ)		(6213ZZ)		(6313-ZC3)		(6313-ZC3)				
225MC	199	90	M50X1.5		60	140	125	7.5	42	18	53	64	M20		6313-ZC3		6313-ZC3		6313-ZC3		6313-ZC3		6313-ZC3		6313-ZC3				
250MA	224	105	M63X1.5		60	140	125	7.5	42	18	53	64	M20		6313-ZC3		6313-ZC3		6313-ZC3		6313-ZC3		6313-ZC3		6313-ZC3				
250MC	224	105	M63X1.5		65	140	125	7.5	42	18	58	69	M20		6315-Z		6315-Z		6315-Z		6315-Z		6315-Z		6315-Z				

Note : 1. Tolerance of shaft end diameter D : m6.

2. Tolerance of N : j6.

3. Bearing No. In () is for 2P. 4. T-Box Assy with a cable grand body.

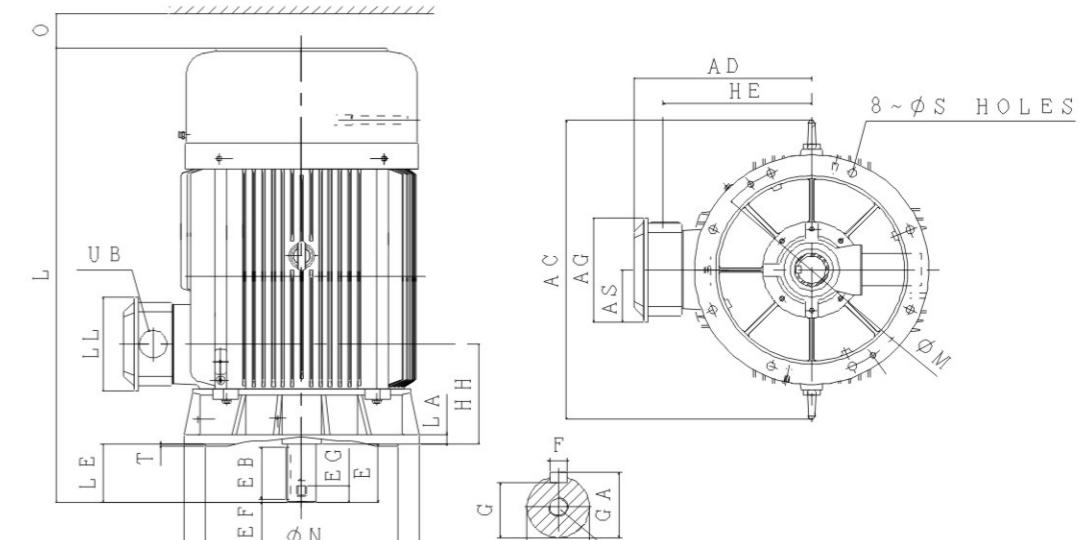
5. TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

TECO
安装方式: V1(IM 3011)

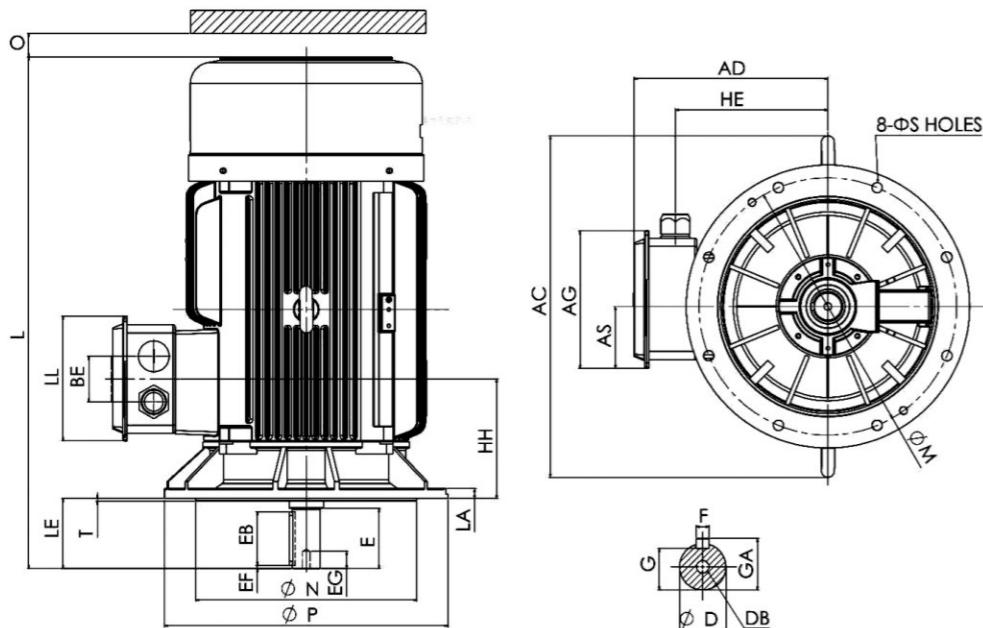


Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L											
2P	4P	6P	---			LA	LE	M	N	P	S	T																		
75	---	---	---	280SA	7	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1037.5											
--	75	45	---			22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1037.5											
90	---	---	---			22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1087.5											
--	90	55	---			22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1087.5											
SHAFT EXTENSION				BEARING																										
FRAME SIZE		LL		O		UB		D		E		EB		EF		EG		F		G		GA		DB		DRIVE END		OPPOSITE DRIVE END		
280SA	224	140	M63X1.5		65	140	125	7.5	40	18	58	69	M20		6314C3		6314C3		6314C3		6314C3		6314C3		6314C3		6314C3		6314C3	
280SB	224	140	M63X1.5		75	140</td																								

外形图 Outline

外形及安装尺寸图

安装方式: V1(IM 3011)



Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O				
2P	4P	6P	--		LA	LE	M	N	P	S	T														
110	--	--	--	315SA	25	140	600	550	660	24	6	715	456.5	318	144	106	359	269	1162	288	180				
--	110	75	--	315SB	25	170	600	550	660	24	6	715	456.5	318	144	106	359	269	1192	288	180				
FRAME SIZE		UB		SHAFT EXTENSION								BEARING													
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END											
315SA		M63X1.5		65	140	125	7.5	40	18	58	69	M20	6316C3	7314B											
315SB		M63X1.5		80	170	160	5	40	22	71	85	M20	6320C3	6316C3											

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of N : js6

4. T-Box Assy with two cable grand bodys.

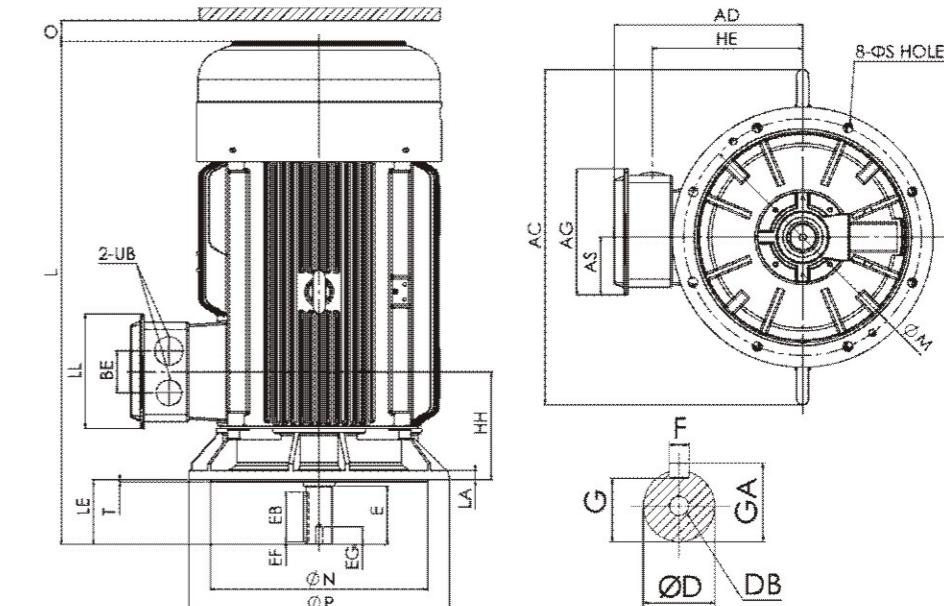
5. TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: V1(IM 3011)



Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O				
2P	4P	6P	--		LA	LE	M	N	P	S	T														
132	--	--	--	315MA	25	140	600	550	660	24	6	769	481.5	318	144	106	384	269	1246	288	180				
--	132	90	--	315MB	25	170	600	550	660	24	6	769	481.5	318	144	106	384	269	1276	288	180				
FRAME SIZE		UB		SHAFT EXTENSION								BEARING													
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END											
315MA		M63X1.5		65	140	125	7.5	40	18	58	69	M20	6316C3	7314B											
315MB		M63X1.5		80	170	160	5	40	22	71	85	M20	6320C3	6316C3											

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of N : js6

4. T-Box Assy with two cable grand bodys.

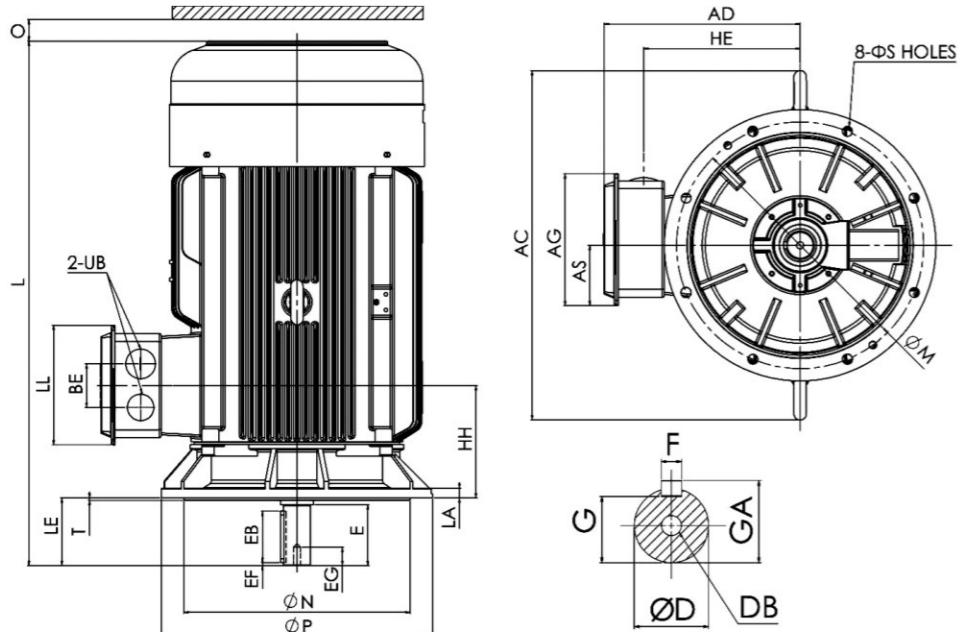
5. TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: V1(IM 3011)



Output (kW)				FRAME SIZE	FLANGE DIMENSION										Dimension in mm							
2P	4P	6P	---		LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O	
160				315LA	25	140	600	550	660	24	6	769	481.5	318	144	106	384	269	1346	288	180	
200	---	---	---																			
---	160	110	132	---	315LB	25	170	600	550	660	24	6	769	481.5	318	144	106	384	269	1376	288	180
SHAFT EXTENSION		BEARING																				
FRAME SIZE	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END										
315LA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	7314B										
315LB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3										

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of N : js6

4. T-Box Assy with two cable grand bodys.

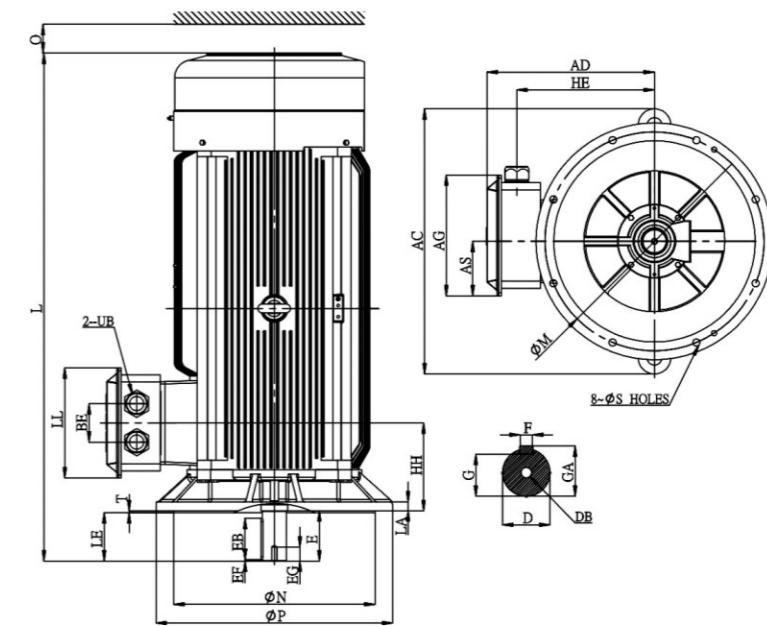
5. TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: V1(IM 3011)



Output (kW)				FRAME SIZE	FLANGE DIMENSION										Dimension in mm													
2P	4P	6P	---		LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O							
250	---	---	---	355MA	30	140	740	680	800	24	6	896	573	408	184	130	469	297	1687	372	230							
---	250	160	200	---	355MB	30	170	740	680	800	24	6	896	573	408	184	130	469	297	1717	372	230						
SHAFT EXTENSION		BEARING		FRAME SIZE	UB	SHAFT EXTENSION										BEARING												
D		E		EB		EF		EG		F		G		GA		DB		DRIVE END		OPPOSITE DRIVE END								
355MA	M72X2		75			140		125		7.5		40		20		67.5		79.5		M20		6317C3		7317B				
355MB	M72X2		95			170		160		5		48		25		86		100		M24		6322C3		7322B				

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of N : js6

4. T-Box Assy with two cable grand bodys.

5. TEV1 only refers to the installation size ,the outline will be slightly different

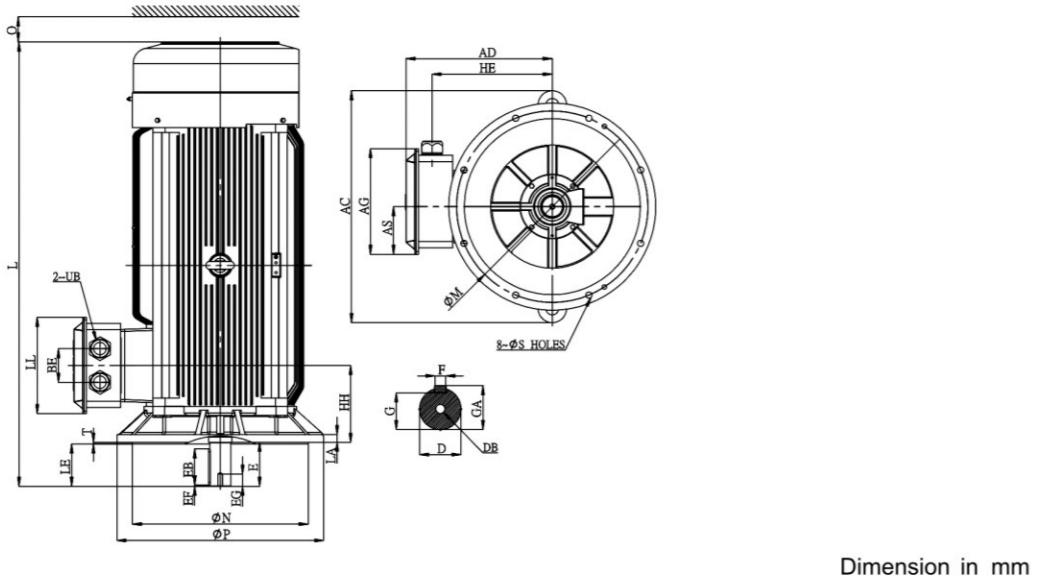
(TEV1 仅参考安装尺寸，外形会略有差异)

外形图 Outline

外形及安装尺寸图

安装方式: V1(IM 3011)

MEMO



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O
2P	4P	6P	---		LA	LE	M	N	P	S	T										
315	---	---	---	355LA	30	140	740	680	800	24	6	896	573	408	184	130	469	297	1687	372	230
---	315	250	---	355LB	30	170	740	680	800	24	6	896	573	408	184	130	469	297	1717	372	230

FRAME SIZE	UB	SHAFT EXTENSION							BEARING			
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355LA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	7317B
355LB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	7322B

Note : 1. Tolerance of Shaft End Diameter D : m6

2. Tolerance of Key Width F : h9

3. Tolerance of N : js6

4. T-Box Assy with two cable grand bodys.

5. TEV1 only refers to the installation size ,the outline will be slightly different

(TEV1 仅参考安装尺寸，外形会略有差异)

C-flange法兰尺寸表

机座号 FRAME SIZE	法兰尺寸					
	M		N		P	S
80	100		80	120	M6	
90	115		95	140	M8	
100	130		110	160	M8	
112	130		110	160	M8	
132	165		130	200	M10	
160	215		180	250	M12	