防爆型三相异步电动机
Explosion-proof three phase induction motor

TEBY/TEB4/TEB5　IE3/IE4/IE5系列隔爆电动机
TEBY/TEB4/TEB5　IE3/IE4/IE5 series flame-proof motor

TEBD/TED4　IE3/IE4系列粉尘防爆电动机
TEBD/TED4　IE3/IE4 series dust-ignition-proof motor

http://www.tecochina.net

VER:4.0-2025-07

东元集团简介

东元电机创立于公元1956年，初期从事马达生产，至今东元集团已跨入重电、绿能机电工程、家电、资通讯、电子关键零组件等多面向的发展领域，事业版图横跨全球五大洲四十余国，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，以「成为全球电气化、智能化与绿色能源的核心发展驱动者」为愿景，建构宏观、高质量的品牌。

上海东元德高电机有限公司简介

东元品牌电机在全球销售排名前列，在无锡和南昌拥有3个生产工厂，为统筹管理及更好的服务于中国区市场，特于2012年8月在上海成立上海东元德高电机有限公司，作为东元集团在中国大陆的主要销售视窗，上海东元携手合作伙伴为您提供低碳智能的产品单体、高效产品组合套餐、低碳智能的系统性解决方案、厂房节能减碳包。产品举例：高低压高效电机、高低压变频器、伺服控制器、控制柜元器件、光伏储能、智能监控感知器、设备健康管理平台，利用最新物联网、云计算、大数据和行动通讯等技术，对电机等设备运行状态提供全生命周期服务，并提供东元节能、创能及储能等绿色能源整合方案，为客户的安全生产、连续生产、低碳智能生产保驾护航。

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

TECO

东元大事记

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年中场一厂建广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年中场二厂建广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。

2017年中场正式启用「马达固定子自动化生产中心」。

2018年东元越南马达厂动土越南将成为东元集团在东南亚的重要基地。

2019年台械东元打造台湾首座智慧绿能循环住宅园，

2020年入选DJSI道琼永续指数新兴市场成份股。

2021年得标第三航站区主体航厦机电工程。

2022年赢得美国能源部和国家实验室热回收标案。

2023年收购台澎能源公司。

资质认证

质量管理体系认证
职业健康安全管理体系认证
环境管理体系认证

目录 Contents

防爆电机使用场所

防爆电机主要用于煤矿、石油天然气、石油化工和化学工业等生产过程中有可能产生各种可燃性气体、蒸气或粉尘的行业。这些物质与空气混合后就形成了“爆炸性混合物”。如果这种混合物处于爆炸的温度，又遇有火源时，就会引起爆炸。采用防爆电机可以避免发生爆炸。

Location of explosion-proof motor

Explosion-proof motor is mainly used in coal mine, petroleum and natural gas, petrochemical and chemical industry which may produce a variety of combustible gas or steam or dust in the production process These can be mixed with air to form an "explosive mixture". If the mixture is at explosive temperature and meets fire, it will cause an explosion. The usage of explosion-proof motor can avoid the explosion.

危险区域分类

区域	区域定义	适用的防爆电机
0区	连续出现或长期出现爆炸性气体的环境	目前无适合的防爆电机
1区	可能出现爆炸性气体的环境	隔爆型“db” 正压型“p”
2区	正常不可能出现爆炸性气体的环境，即使出现也是短时间	隔爆型“db” 正压型“p” 增安型“eb”，无火花型“ec”

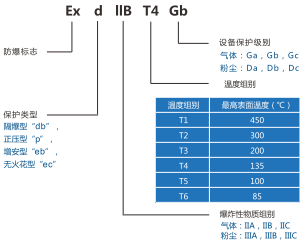
区域	区域定义	适用的防爆电机
20区	连续出现或长期出现爆炸性粉尘的环境	目前无适合的防爆电机
21区	可能出现爆炸性粉尘的环境	外壳防护型“tb”
22区	正常不可能出现爆炸性粉尘的环境，即使出现也是短时间	外壳防护型“tc”

Classification of hazardous areas

Zone	Zone definition	Applicable explo-sion proof motors
0	Occurrence of explosive gas atmosphere : permanent , long time	No applicable explosion-proofmotors at present
1	Occurrence of explosive gas atmosphere : occasional	Flame-proof “db” , Pressurized enclosure “p”
2	Occurrence of explosive gas atmosphere : rare , shot time	Flame-proof “db” , Pressurized enclosure “p” , Increased safety “eb” , Non-sparking “ec”

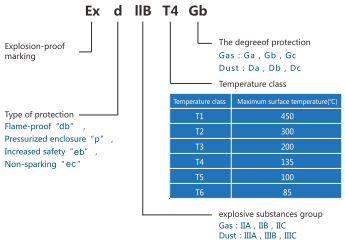
Zone	Zone definition	Applicable explosion proof motors
20	Occurrence of explosive gas atmosphere : permanent , long time	No applicable explosion proof motors at present
21	Occurrence of explosive gas atmosphere : occasional	Dust ignition protection by enclosure “tb”
22	Occurrence of explosive gas atmosphere : rare , shot time	Dust ignition protection by enclosure “tc”

防爆标志的说明



温度组别	最高表面温度（℃）
T1	450
T2	300
T3	200
T4	135
T5	100
T6	85

Explanation of explosion-proof marking



Temperature class	Maximum surface temperature(℃)
T1	450
T2	300
T3	200
T4	135
T5	100
T6	85

爆炸性气体混合物分组表

在中国和IEC国家，爆炸性物质分为三类:

Ⅰ类:矿井甲烷
Ⅱ类:爆炸性气体混合物（含蒸气,薄雾)
Ⅲ类:爆炸性粉尘和纤维

Explosive gas mixture group table

In China and the IEC countries, explosive material is dividledinto three categories

Class I: Mine Methane
Class II: explosive gas mixture (water vapor,mist)
Class III: dust explosion and fiber

类别 Class	按爆炸性混合物的自燃温度(℃)分组 Temp.class			
	T1	T2	T3	T4
	可燃性气体含蒸气Flammable gas or water vapor			
Ⅰ	甲烷 Methane 氨 Ammonia 醋酸 Acetic acid	丁醇 Buty alcoho 酸酸酐 Acetic anhydride	环已烷 Cyelohexane	
ⅡA	乙烷 Ethane 丙烷 Propane 苯 BenZene 丙酮 Acetone 氯苯 Chlorbenzene 苯乙烯 Styrene 甲醇 Methanol 甲苯 Toluene 一氧化碳 Carbonmonoxide	丁烷 Butane 乙醇 Ethanol 丙烯 Propene 醋酸丁酯 n-Butvl acetate 醋酸戊酯 Amyl acetate 氯乙烯 Chloroethvhlene 醋酸乙酯 Ethyl acetate	戊烷 Pentane 乙烷 Hexane 庚烷 Heptane 辛烷 Octane 葵烷 Dectane 硫化氢 Hydrosulxide 汽油 Gsaoline	乙醚 Ether 乙醛 Acetaldeh yde
ⅡB	氰化氢 Hydrogen cyanide 焦炉煤气 Coal gas 环丙烷 Cyclopropane 丙炔 Propine 丙烯腈 Acrylonitrile	环氧乙烷 Ethylene oxide 丁二烯 Butadiene 1.4-二氧基已烷 1.4-dioxan 乙烯 Ethyene 呋喃 Furan 丙烯酸甲酯 Methyl acrylate	异戊二烯 Isopentylens 二甲醚 Dimethylether 丁烯醛 Butenal 乙硫醇 Ethanethiol	乙基甲基醚 Ethyl methyl ether 二乙醚 Ethyl oxide 二丁醚 Butyl oxide 四氟乙烯 Tetrafluoroethylene
ⅡC		氢气乙炔		

注：
1. 上表Ⅱ类中，危险级别:ⅡC>ⅡB > ⅡA。设备安全性:ⅡC> ⅡB>ⅡA “高级别”涵盖“低级别”。

1. In the above-mentioned calss Ⅱ the danger degree: ⅡC > ⅡB > ⅡA, the safety of the apparatus: ⅡC >ⅡB > ⅡA, high level covers the low level;

TEBY技术数据

种类:隔爆型三相异步电动机
额定电压: 380V或其它电压
额定频率: 50Hz或60Hz
输出功率: 0.18-355kW
工作制:连续工作制S1
机座号: 80M-355L
防爆等级: Exdb IIB T4 Gb; Exdb IIC T4 Gb
防护等级:IP55, IP65
冷却方式: IC411
绝缘等级: F级
绝缘温升: 电阻法在S.F: 1.0情况下不超过80K
安装方式: IM B3(水平脚底安装) ;
IM B35 (水平脚底安装带大法兰);
IM B5 (水平大法兰安装);
IM V1 (立式轴向下大法兰安装)或其他
●能效等级：GB18613-2020 GB3/IE3

TEBY technical data

Type: Flame-proof three phase induction motors
Rated voltage: 380V or other voltage
Rated frequency: 50Hz or 60Hz
Output range: 0.18-355kW
Duty: Continuous S1
Frame No.: 80M-355L
Explosion-proof class: Exdb IIB T4 ;Exdb IIC T4
Protection class:IP55, IP65
Cooling method: Self external fan, surface cooling (IC411)
Insulation class: Class F
Temperature rise: Not to Exceed 80 By Resistance Method at S.F 1.0
Mounting:IM B3 , IM B35 , IM B5 , IMV1 or others
● Energy efficiency level: GB18613-2020 GB3/IE3

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最大10%以内,但是频率波动率不超过±5%
危险区域:1区或2区
环境温度:-20-50℃
环境湿度:相对湿度90%以下(但不能凝结)
海拔高度:海拔1000m以下
传动方式:联轴器
旋转方向:可双向旋转。标准为面对轴伸端顺时针
起动方式：全压直接启动或Y-Δ启动
涂装: Munsell 5PB 3/8

APPLICATION

Power source conditions: Voltage:±10%,Frequency:±5%,and 10% Max.of Combined Voltage and Frequency . But Frequency Variation Does Not Exceed +5%.
Hazardous areas : Zone1 or Zone2
Ambient temperature:-20-50℃
Relative humidity: Less than 90%RH(Non-condensation)
Altitude: Less than 1,000 m
Drive method: Coupling
Direction of rotation: Suitable For Bi-Directional,standard is CW facing the shaft end
Method of starting: Full voltage direct on line or Y-Δ starting
Painting: Munsell 5PB 3/8

TEB4技术数据

种类:隔爆型三相异步电动机
额定电压: 380V或其它电压
额定频率: 50Hz或60Hz
输出功率: 0.75-315kW
工作制:连续工作制S1
机座号: 80M-355L
防爆等级: Exdb IIB T4 Gb; Exdb IIC T4 Gb
防护等级:IP55, IP65
冷却方式: IC411
绝缘等级: F级
绝缘温升: 电阻法在S.F: 1.0情况下不超过80K
安装方式: IMB3 (水平脚底安装) ;
IM B35 (水平脚底安装带大法兰);
IM B5 (水平大法兰安装);
IMV1 (立式轴向下大法兰安装)或其他
●能效等级：GB18613-2020 GB2/IE4

TEB4 technical data

Type: Flame-proof three phase induction motors
Rated voltage: 380V or other voltage
Rated frequency: 50Hz or 60Hz
Output range: 0.75-315kW
Duty: Continuous S1
Frame No.: 80M-355L
Explosion-proof class: Exdb IIB T4 ;Exdb IIC T4
Protection class:IP55, IP65
Cooling method: Self external fan, surface cooling (IC411)
Insulation class: Class F
Temperature rise: Not to Exceed 80 By Resistance Method at S.F 1.0
Mounting: IM B3 , IM B35 , IM B5 , IMV1 or others
● Energy efficiency level: GB18613-2020 GB2/IE4

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最大10%以内,但是频率波动率不超过±5%
危险区域:1区或2区
环境温度:-20-40℃
环境湿度:相对湿度90%以下(但不能凝结)
海拔高度:海拔1000m以下
传动方式:联轴器
旋转方向:可双向旋转。标准为面对轴伸端顺时针
起动方式：全压直接启动或Y-Δ启动
涂装: Munsell N5

APPLICATION

Power source conditions: Voltage:±10%,Frequency:±5%,and 10% Max.of Combined Voltage and Frequency . But Frequency Variation Does Not Exceed +5%.
Hazardous areas : Zone1 or Zone2
Ambient temperature:-20-40℃
Relative humidity: Less than 90%RH(Non-condensation)
Altitude: Less than 1,000 m
Drive method: Coupling
Direction of rotation: Suitable For Bi-Directional,standard is CW facing the shaft end
Method of starting: Full voltage direct on line or Y-Δ starting
Painting: Munsell N5

TEB5技术数据

种类:隔爆型三相异步电动机
额定电压: 380V或其它电压
额定频率: 50Hz或60Hz
输出功率: 0.75-315kW
工作制:连续工作制S1
机座号: 80M-355L
防爆等级: Exdb IIB T4 Gb; Exdb IIC T4 Gb
防护等级:IP55, IP65
冷却方式: IC411
绝缘等级: F级
绝缘温升: 电阻法在S.F: 1.0情况下不超过80K
安装方式: IMB3 (水平脚底安装) ;
IM B35 (水平脚底安装带大法兰);
IM B5 (水平大法兰安装);
IMV1 (立式轴向下大法兰安装)或其他
●能效等级：GB18613-2020 GB1/IE5

TEB5 technical data

Type: Flame-proof three phase induction motors
Rated voltage: 380V or other voltage
Rated frequency: 50Hz or 60Hz
Output range: 0.75-315kW
Duty: Continuous S1
Frame No.: 80M-355L
Explosion-proof class: Exdb IIB T4 ;Exdb IIC T4
Protection class:IP55, IP65
Cooling method: Self external fan, surface cooling (IC411)
Insulation class: Class F
Temperature rise: Not to Exceed 80 By Resistance Method at S.F 1.0
Mounting: IM B3，IM B35，IM B5，IMV1 or others
● Energy efficiency level: GB18613-2020 GB1/IE5

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最大10%以内,但是频率波动率不超过±5%
危险区域:1区或2区
环境温度:-20-40℃
环境湿度:相对湿度90%以下(但不能凝结)
海拔高度:海拔1000m以下
传动方式:联轴器
旋转方向:可双向旋转。标准为面对轴伸端顺时针
起动方式：全压直接启动或Y-Δ启动
涂装: MUNSELL 7.5B 3.5/0.5

APPLICATION

Power source conditions: Voltage:±10%,Frequency:±5%,and 10% Max.of Combined Voltage and Frequency . But Frequency Variation Does Not Exceed +5%.
Hazardous areas : Zone1 or Zone2
Ambient temperature:-20-40℃
Relative humidity: Less than 90%RH(Non-condensation)
Altitude: Less than 1,000 m
Drive method: Coupling
Direction of rotation: Suitable For Bi-Directional,standard is CW facing the shaft end
Method of starting: Full voltage direct on line or Y-Δ starting
Painting: MUNSELL 7.5B 3.5/0.5

TEBD技术数据

种类:粉尘防爆型三相异步电动机
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S1
机座号: 80M-355C
防爆等级: Extb IIIC T135℃ IP65
防护等级:IP65
冷却方式: IC411
绝缘等级: F级
绝缘温升: 电阻法在S.F: 1.0情况下不超过80K
安装方式: IMB3 (水平脚底安装) ;
IM B35 (水平脚底安装带大法兰);
IM B5 (水平大法兰安装);
IMV1 (立式轴向下大法兰安装)或其他
●能效等级：GB18613-2020 GB3/IE3

TEBD technical data

Type: dust-ignition-proof three phase induction motors
Rated voltage: 380V or other voltage
Rated frequency: 50Hz or 60Hz
Output range: 0.55-400kW
Duty: Continuous S1
Frame No.: 80M-355C
Explosion-proof class: Extb IIIC T135℃ IP65
Protection class:IP65
Cooling method: Self external fan, surface cooling (IC411)
Insulation class: Class F
Temperature rise: Not to Exceed 80 By Resistance Method at S.F 1.0
Mounting: IM B3，IM B35，IM B5，IMv1 or others
● Energy efficiency level: GB18613-2020 GB3/IE3

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最大10%以内,但是频率波动率不超过±5%
危险区域:21区或22区
环境温度:-20-50℃
环境湿度:相对湿度90%以下(但不能凝结)
海拔高度:海拔1000m以下
传动方式:联轴器
旋转方向:可双向旋转。标准为面对轴伸端顺时针
起动方式：全压直接启动或Y-Δ启动
涂装: Munsell N5

APPLICATION

Power source conditions: Voltage:±10%,Frequency:±5%,and 10% Max.of Combined Voltage and Frequency . But Frequency Variation Does Not Exceed +5%.
Hazardous areas : Zone21 or Zone22
Ambient temperature:-20-50℃
Relative humidity: Less than 90%RH(Non-condensation)
Altitude: Less than 1,000 m
Drive method: Coupling
Direction of rotation: Suitable For Bi-Directional,standard is CW facing the shaft end
Method of starting: Full voltage direct on line or Y-Δ starting
Painting: Munsell N5

TED4 技术数据

种类:粉尘防爆型三相异步电动机
额定电压: 380V或其它电压
额定频率: 50Hz或60Hz
输出功率: 0.75-315KW
工作制:连续工作制S1
机座号: 80M-355L
防爆等级: Extb IIIC T135℃ IP65
防护等级:IP65
冷却方式: IC411
绝缘等级: F级
绝缘温升: 电阻法在S.F: 1.0情况下不超过80K
安装方式: IMB3 (水平脚底安装) ;
IM B35 (水平脚底安装带大法兰);
IM B5 (水平大法兰安装);
IMV1 (立式轴向下大法兰安装)或其他
●能效等级：GB18613-2020 GB2/IE4

TED4 technical data

Type: dust-ignition-proof three phase induction motors
Rated voltage: 380V or other voltage
Rated frequency: 50Hz or 60Hz
Output range: 0.75-315KW
Duty: Continuous S1
Frame No.: 80M-355L
Explosion-proof class: Extb IIIC T135℃ IP65
Protection class:IP65
Cooling method: Self external fan, surface cooling (IC411)
Insulation class: Class F
Temperature rise: Not to Exceed 80 By Resistance Method at S.F 1.0
Mounting: IM B3 , IM B35 , IM B5 , IMv1 or others
● Energy efficiency level: GB18613-2020 GB2/IE4

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最大10%以内,但是频率波动率不超过±5%
危险区域:21区或22区
环境温度:-20-50℃
环境湿度:相对湿度90%以下(但不能凝结)
海拔高度:海拔1000m以下
传动方式:联轴器
旋转方向:可双向旋转。标准为面对轴伸端顺时针
起动方式：全压直接启动或Y-Δ启动
涂装: Munsell N5

APPLICATION

Power source conditions: Voltage:±10%,Frequency:±5%,and 10% Max.of Combined Voltage and Frequency . But Frequency Variation Does Not Exceed +5%.
Hazardous areas : Zone21 or Zone22
Ambient temperature:-20-50℃
Relative humidity: Less than 90%RH(Non-condensation)
Altitude: Less than 1,000 m
Drive method: Coupling
Direction of rotation: Suitable For Bi-Directional,standard is CW facing the shaft end
Method of starting: Full voltage direct on line or Y-Δ starting
Painting: Munsell N5

TEBY/TEBV附件选装表 TEBY/TEBV optional accessories table

选配方案		方案一 Plan1	方案二 Plan2	方案三 Plan3	方案四 Plan4	方案五 Plan5	方案六 Plan6	方案七 Plan7
框号 Frame No.	接线盒规格 T-BOX	绕组PT100 三支或PTC三支	绕组PT100 六支或PTC六支	Heater	绕组PT100 三支+Heater	绕组PTC 三支+Heater	绕组PT100 六支或PTC六支+Heater	轴承 RTD
80~132	M5	√ (仅PTC三支)	×	√	×	√	×	×
160	M6	√	×	√	×	√	×	×
180	M6	√	×	√	×	√	×	√
200~225	M8	√	×	√	√	√	×	√
250~280	M10	√	×	√	√	√	×	√
315~355	M16	√	√	√	√	√	√	√

说明：1、根据框号方案一至方案案六只能选取一种。
2、方案七根据框号可以和方案一至方案六中的一种进行组合。
3、Fr#80~132方案一中仅PTC三支可实现。绕组PT100三支不可实现。
4、Fr315和Fr#355添加附件时需要增加附性T箱。
另:其他特殊要求:双轴伸、轴加长、低噪音、低振动等要求可选配!

1.Only one senario could be taken among I#1 to #6 according to the frame no.
2.Senario #7 could be combined with one of #1 to #6, according to the frame no.
3. In the Senario #1 of Fr#80~132,only PTC 3-phase connection could be realized, PT100 3-phase connection of winding is not applicable.
4.Optional T-box is required when adding accessories to Fr#315 and Fr#355
Options are provided: extended shaft, less noise, less vibration, and etc.

TEB4/TEB5附件选装表 TEB4 optional accessories table

选配方案		方案一 Plan1	方案二 Plan2	方案三 Plan3	方案四 Plan4	方案五 Plan5	方案六 Plan6	方案七 Plan7
框号 Frame No.	接线盒规格 T-BOX	绕组PT100 三支或PTC三支	绕组PT100 六支或PTC六支	Heater	绕组PT100 三支+Heater	绕组PTC 三支+Heater	绕组PT100 六支或PTC六支+Heater	轴承 RTD
80~132	M5	√ (仅PTC三支)	×	√	×	√	×	×
160	M6	√	×	√	×	√	×	×
180	M6	√	×	√	×	√	×	√
200~225	M8	√	×	√	√	√	×	√
250	M10	√	×	√	√	√	×	√
280	M10	√	√	√	√	√	√	√
315~355	M16	√	√	√	√	√	√	√

说明：1、根据框号方案一至方案案六只能选取一种。
2、方案七根据框号可以和方案一至方案六中的一种进行组合。
3、Fr#80~132方案一中仅PTC三支可实现。绕组PT100三支不可实现。
4、Fr#280~355添加附件时需要增加附性T箱。
另:其他特殊要求:双轴伸、轴加长、低噪音、低振动等要求可选配!

1. Only one senario could be taken among #1 to #6 according to the frame no.
2. Senario #7 could be combined with one of #1 to #6, according to the frame no.
3. In the Senario #1 of Fr#80~132, only PTC 3-phase connection could be realized, PT100 3-phase connection of winding is not applicable.
4. Optional T-box is required when adding accessories to Fr#280 to Fr#355
Options can be provided: extended shaft, low noise,low vibration, and etc.

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 halfkey.
Table below contains the effective vibration values for unloaded motors.

振动等级 Vibretion grade	轴高 Shaft height/mm	80≤H≤132	132＜H≤280	H＞280
A	安装方式 Mounting	速度毫米/秒 Velocity mms	速度毫米/秒 Velocity mms	速度毫米/秒 Velocity mms
	自由悬置 Free suspension	1.6	2.2	2.8
	刚性安装 Rigid mounting	1.3	1.8	2.3

接线盒资料 Terminal box data

座机号 Frame	接线盒规格 Terminal box type	出线孔形式 Outlet type	外接螺纹尺寸 Outer cable diameter
80~132	M5	单孔或双孔 Single or Double	橡套电缆(Rubber cable)
			钢管布线(Steel conduit): M30*2
			钢管布线(Steel conduit): NPT 1"
160~180	M6	单孔或双孔 Single or Double	橡套电缆(Rubber cable)
			钢管布线(Steel conduit): M36*2
			钢管布线(Steel conduit): NPT 1.25"
200~225	M8	单孔或双孔 Single or Double	橡套电缆(Rubber cable)
			钢管布线(Steel conduit): M48*2
			钢管布线(Steel conduit): NPT 1.5"
			钢管布线(Steel conduitl: NPT 2'
250~280	M10	单孔或双孔 Single or Double	橡套电缆(Rubber cable)
			钢管布线(Steel conduit): M64*2
			钢管布线(Steel conduit): NPT2.5"
315~355	M16	双孔 Double	橡套电缆(Rubber cable)
			钢管布线(Steel conduit): M64*2
			钢管布线(Steel conduit): M63*1.5
			钢管布线(Steel conduit): NPT 2.5"

注：若添加电气附件，
TEBY：80~280机座号只能承制双孔出线型式；315和355机座号则需添加独立辅助接线盒。
TEB4/TEB5：80~250机座号只能承制双孔出线型式；280~355机座号则需添加独立辅助接线盒。

T箱位置注意事项:

T箱位于顶部，从轴伸端看出口线方向位于框架左侧或右侧时可正常使用;当出口线方向位于L侧时，请查看是否影响与负载的连接;当出口线方向位于F侧时，容易与吊环干涉所以不推荐使用。（请参考下图）

TEBV变频说明 TEBV frequency conversion specification

频率	3~100Hz
恒转矩变频范围	3Hz~基频
恒功率变频范围	基频~100Hz

注1：2极功率小于或等于45kW时，恒功率变频范围为基频~100Hz;
2极功率大于45kW时,恒功率变频范围为基频-60Hz;
注2：4极功率大于200kW时,恒功率变频范围为基频~60Hz;

TEBY/TEB4变频说明 TEBY/TEB4 frequency conversion specification

2极45kW以上以及4极200kW以上 Above 2P-45kW & 4P-200kW			
50Hz		60Hz	
5~50Hz	递减转矩 Decreasing torque	6~60Hz	递减转矩 Decreasing torque
25~50Hz	恒转矩 Constant Torque	30~60Hz	恒转矩 Constant Torque
50~60Hz	恒功率 Constant Power		
其余极数功率Others			
50Hz		60Hz	
5~25Hz	递减转矩 Decreasing torque	6~60Hz	递减转矩 Decreasing torque
25~50Hz	恒转矩 Constant Torque	30~60Hz	恒转矩 Constant Torque
50~100Hz	恒功率 Constant Power	60~100Hz	恒功率 Constant Power

TEBY/TEBV/TEB4 轴承型号及润滑 TEBY/TEBV/TEB4 Bearing type &lubrication

机座号 Frame size	极数 Pole	轴承型号Bearing type		给油量Amount of grease（g）	
		轴伸端DE	非轴伸端NDE	轴伸端DE	非轴伸端NDE
80	2P及以上	6204ZZC3	6204ZZC3	-	-
90	2P及以上	6205ZZC3	6205ZZC3	-	-
100	2P及以上	6206ZZC3	6206ZZC3	-	-
112	2P及以上	6306ZZC3	6306ZZC3	-	-
132	2P及以上	6308ZZC3	6306ZZC3	-	-
160	2P及以上	6309ZZC3	6307ZZC3	-	-
180	2P及以上	6311C3	6310C3	70	70
200	2P及以上	6312C3	6212C3	80	80
225	2P	6312C3	6212C3	80	80
	4P及以上	6313C3	6213C3	80	80
250	2P	6313C3	6313C3	80	80
	4P及以上	6315C3	6313C3	100	80
280	2P	6314C3	6314C3	80	80
	4P及以上	6318C3	6316C3	130	110
315	2P	6316C3	6314C3	110	110
	4P及以上	6320C3	6316C3	140	110
355	2P	6318C3	6318C3	130	130
	4P及以上	6322C3	6322C3	220	220

TEB5轴承型号及润滑 TEB5 Bearing type &lubrication

机座号 Frame size	极数 Pole	轴承型号Bearing type		给油量Amount of grease (g)	
		轴伸端DE	非轴伸端NDE	轴伸端DE	非轴伸端NDE
80	2P及以上	6204ZZC3	6204ZZC3	-	-
90	2P及以上	6205ZZC3	6205ZZC3	-	-
100	2P及以上	6206ZZC3	6206ZZC3	-	-
112	2P及以上	6306ZZC3	6306ZZC3	-	-
132	2P及以上	6308ZZC3	6306ZZC3	-	-
160	2P及以上	6309C3	6307C3	60	60
180	2P及以上	6311C3	6310C3	70	70
200	2P及以上	6312C3	6212C3	80	80
225	2P	6312C3	6212C3	80	80
	4P及以上	6313C3	6213C3	80	80
250	2P	6313C3	6313C3	80	80
	4P及以上	6315C3	6313C3	100	80
280	2P	6314C3	6314C3	80	80
	4P及以上	6318C3	6316C3	130	110
315	2P	6316C3	6314C3	110	110
	4P及以上	6320C3	6316C3	140	110
355	2P	6318C3	6318C3	130	130
	4P及以上	6322C3	6322C3	220	220

TEBD/TED4轴承型号及润滑 TEBD/TED4 Bearing type &lubrication

机座号 Frame size	极数 Pole	轴承型号Bearing type		给油量Amount of grease (g)	
		轴伸端DE	非轴伸端NDE	轴伸端DE	非轴伸端NDE
80	2P及以上	6204ZZ	6203ZZ	-	-
90	2P及以上	6205ZZ	6204ZZ	-	-
100	2P及以上	6206ZZ	6205ZZ	-	-
112	2P及以上	6306ZZ	6305ZZ	-	-
132	2P及以上	6308ZZ	6306ZZ	-	-
160	2P及以上	6309ZZ	6307ZZ	-	-
180	2P	6311ZZC3	6310ZZC3	-	-
	4P及以上	6311ZZ	6310ZZ	-	-
200	2P	6312ZZC3	6212ZZC3	-	-
	4P及以上	6312ZZ	6212ZZ	-	-
225	2P	6312ZZC3	6212ZZC3	-	-
	4P及以上	6312ZZ	6213ZZ	-	-
250	2P	6313C3	6313C3	80	80
	4P及以上	6315	6313	100	80
280	2P	6314C3	6314C3	80	80
	4P及以上	6318C3	6316C3	130	110
315	2P	6316C3	6314C3	110	110
	4P及以上	6320C3	6316C3	140	110
355	2P	6318C3	6318C3	130	130
	4P及以上	6322C3	6322C3	220	220

铭板信息Nameplate

安装方式（IM）

基本结构形式 The basic structure	脚底安装						法兰安装			脚底+法兰安装		
安装结构形式 The installation structure	B3	B6	B7	B8	V5	V6	B5	V1	V3	B35	V15	V35
示意图 Diagram												
机座号(中心高) Frame size	80-355	80-160					80-280	80-355	80-160	80-355	80-160	

防爆证书号：
Explosion-proof certificate NO.:

机型 type	机座号 Fram seize	防爆形式 Explosion-proof type	防爆证书号 Explosion-proof certificate NO.
TEBY	80	ExdbⅡB T4	CJEx25.0960X
		ExdbⅡC T4	CJEx25.0947X
	90	ExdbⅡB T4	CJEx25.0961X
		ExdbⅡC T4	CJEx25.0948X
	100	ExdbⅡB T4	CJEx25.0962X
		ExdbⅡC T4	CJEx25.0949X
	112	ExdbⅡB T4	CJEx25.0963X
		ExdbⅡC T4	CJEx25.0950X
	132	ExdbⅡB T4	CJEx25.0964X
		ExdbⅡC T4	CJEx25.0951X
	160	ExdbⅡB T4	CJEx25.0965X
		ExdbⅡC T4	CJEx25.0952X
	180	ExdbⅡB T4	CJEx25.0966X
		ExdbⅡC T4	CJEx25.0953X
	200	ExdbⅡB T4	CJEx25.0967X
		ExdbⅡC T4	CJEx25.0954X
	225	ExdbⅡB T4	CJEx25.0968X
		ExdbⅡC T4	CJEx25.0955X
	250	ExdbⅡB T4	CJEx25.0969X
		ExdbⅡC T4	CJEx25.0956X
	280	ExdbⅡB T4	CJEx25.0970X
		ExdbⅡC T4	CJEx25.0957X
	315	ExdbⅡB T4	CJEx25.0971X
		ExdbⅡC T4	CJEx25.0958X
	355	ExdbⅡB T4	CJEx25.0972X
		ExdbⅡC T4	CJEx25.0959X
TEB4	80	ExdbⅡB T4	CJEx210603
		ExdbⅡC T4	CJEx210616
	90	ExdbⅡB T4	CJEx210604
		ExdbⅡC T4	CJEx210617
	100	ExdbⅡB T4	CJEx210605
		ExdbⅡC T4	CJEx210618
	112	ExdbⅡB T4	CJEx210606
		ExdbⅡC T4	CJEx210619
	132	ExdbⅡB T4	CJEx210607
		ExdbⅡC T4	CJEx210620
	160	ExdbⅡB T4	CJEx210608
		ExdbⅡC T4	CJEx210621
	180	ExdbⅡB T4	CJEx210609
		ExdbⅡC T4	CJEx210622
	200	ExdbⅡB T4	CJEx210610
		ExdbⅡC T4	CJEx210623
	225	ExdbⅡB T4	CJEx210611
		ExdbⅡC T4	CJEx210624
	250	ExdbⅡB T4	CJEx210612
		ExdbⅡC T4	CJEx210625
	280	ExdbⅡB T4	CJEx210613
		ExdbⅡC T4	CJEx210626
	315	ExdbⅡB T4	CJEx210614
		ExdbⅡC T4	CJEx210627
	355	ExdbⅡB T4	CJEx210615
		ExdbⅡC T4	CJEx210628

机型 type	机座号 Fram seize	防爆形式 Explosion-proof type	防爆证书号 Explosion-proof certificate NO.
TEB5	80	ExdbⅡB T4	CJEx23.1257X
		ExdbⅡC T4	CJEx23.1262X
	90	ExdbⅡB T4	CJEx23.1258X
		ExdbⅡC T4	CJEx23.1263X
	100	ExdbⅡB T4	CJEx23.1259X
		ExdbⅡC T4	CJEx23.1264X
	112	ExdbⅡB T4	CJEx23.1260X
		ExdbⅡC T4	CJEx23.1265X
	132	ExdbⅡB T4	CJEx23.1261X
		ExdbⅡC T4	CJEx23.1266X
	160	ExdbⅡB T4	CJEx23.0429
		ExdbⅡC T4	CJEx23.0435
	180	ExdbⅡB T4	CJEx23.0430
		ExdbⅡC T4	CJEx23.0436
	200	ExdbⅡB T4	CJEx23.0431
		ExdbⅡC T4	CJEx23.0437
	225	ExdbⅡB T4	CJEx23.0432
		ExdbⅡC T4	CJEx23.0438
	250	ExdbⅡB T4	CJEx23.0433
		ExdbⅡC T4	CJEx23.0439
	280	ExdbⅡB T4	CJEx23.0434
		ExdbⅡC T4	CJEx23.0440
	315	ExdbⅡB T4	CJEx22.1594
		ExdbⅡC T4	CJEx22.1596
	355	ExdbⅡB T4	CJEx22.1595
		ExdbⅡC T4	CJEx22.1597
TEBD	80	ExtbⅢC T135°C	CJEx24.0179X
	90	ExtbⅢC T135°C	CJEx24.0180X
	100	ExtbⅢC T135°C	CJEx24.0181X
	112	ExtbⅢC T135°C	CJEx24.0182X
	132	ExtbⅢC T135°C	CJEx24.0183X
	160	ExtbⅢC T135°C	CJEx24.0184X
	180	ExtbⅢC T135°C	CJEx24.0185X
	200	ExtbⅢC T135°C	CJEx24.0186X
	225	ExtbⅢC T135°C	CJEx24.0187X
	250	ExtbⅢC T135°C	CJEx24.0188X
	280	ExtbⅢC T135°C	CJEx24.0189X
	315	ExtbⅢC T135°C	CJEx24.0190X
	355	ExtbⅢC T135°C	CJEx24.0191X
TED4	80	ExtbⅢC T135°C	CJEx21.1865X
	90	ExtbⅢC T135°C	CJEx21.1866X
	100	ExtbⅢC T135°C	CJEx21.1867X
	112	ExtbⅢC T135°C	CJEx21.1868X
	132	ExtbⅢC T135°C	CJEx21.1869X
	160	ExtbⅢC T135°C	CJEx21.1870X
	180	ExtbⅢC T135°C	CJEx21.1871X
	200	ExtbⅢC T135°C	CJEx21.1872X
	225	ExtbⅢC T135°C	CJEx21.1873X
	250	ExtbⅢC T135°C	CJEx21.1874X
	280	ExtbⅢC T135°C	CJEx21.1875X
	315	ExtbⅢC T135°C	CJEx21.1876X
	355	ExtbⅢC T135°C	CJEx21.1877X

TECO全球防爆认证
The international explosion-proof certification of TECO

UL	CSA	Baseefa	CNEX	ITRI	TestSafe
美国	加拿大	欧洲	中国	台湾	澳洲

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEBY

380V 50Hz
GB18613-2020 GB3 (IE3)
2极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	SOUND PRESSURE NO-LOAD dB(A)	Weight 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	69	29
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	69	31
1.5	2	2835	90L	84.2	86.4	87.0	88.0	83.0	72.0	3.08	780	0.516	225	210	270	0.011	69	40
2.2	3	2845	90L	85.9	87.8	88.6	88.0	83.5	75.0	4.42	855	0.759	255	240	305	0.012	69	42
3	4	2855	100L	87.1	88.3	88.4	88.0	84.5	76.5	5.95	880	1.022	255	240	355	0.025	73	55
4	5.5	2905	112M	88.1	89.1	88.9	89.0	85.0	76.0	7.75	940	1.342	305	245	330	0.042	73	72
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	75	85
7.5	10	2920	132S	90.1	90.9	90.9	87.0	84.0	76.0	14.5	860	2.503	255	185	290	0.075	75	93
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	77	127
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	77	140
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	77	156
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	78	218
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	79	295
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	79	321
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	81	365
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	81	496
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	83	596
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	83	677
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	86	1018
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	86	1074
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	86	1208
185	250	2975	315L	95.7	95.5	94.5	91.0	89.0	85.0	323	840	60.60	160	135	260	6.302	86	1279
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	86	1349
220	300	2975	355M	95.8	95.6	94.6	91.0	90.5	88.0	383	730	72.06	145	120	250	6.400	87	1628
250	335	2975	355M	95.8	95.6	94.6	91.0	90.5	88.5	436	700	81.89	170	115	240	10.800	87	1697
280	375	2975	355L	95.8	95.6	94.6	91.0	90.5	88.5	488	850	91.72	170	115	240	16.270	87	1890
315	420	2975	355L	95.8	95.6	94.7	91.5	91.0	89.0	546	711	103.2	140	115	240	14.000	87	1978
355	475	2975	355L	95.8	95.5	94.6	92.0	90.5	85.5	612	840	116.3	120	120	260	19.970	87	2047

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
5. Data subject to change without notice.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEBY

380V 50Hz
GB18613-2020 GB3 (IE3)
4极

OUTPUT		FULL LOAD rpm	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND	Approx Weight
kW	HP			FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg·m²	PRESSURE NO-LOAD dB(A)	Kg
0.55	0.75	1430	80M	80.8	81.5	79.5	75.0	65	51.0	1.38	640	0.375	300	270	320	0.010	57	29
0.75	1	1410	80M	82.5	83.0	81.0	73.0	63.0	49.0	1.89	635	0.518	300	270	320	0.012	57	31
1.1	1.5	1430	90L	84.1	84.4	83.2	75.0	67.0	53.0	2.65	720	0.750	255	205	290	0.019	57	40
1.5	2	1435	90L	85.3	86.0	84.7	77.5	68.5	55.0	3.45	790	1.019	290	250	305	0.020	57	43
2.2	3	1460	100L	86.7	87.2	86.2	77.5	70.5	58.0	4.97	805	1.468	220	185	285	0.044	61	54
3	4	1450	100L	87.7	88.3	88.1	80.0	74.0	62.5	6.50	745	2.016	190	180	280	0.048	61	56
4	5.5	1440	112M	88.6	89.8	87.5	80.0	73.0	60.5	8.57	725	2.707	245	235	280	0.077	62	72
5.5	7.5	1455	132S	89.6	90.4	90.3	85.0	80.5	70.0	11.0	735	3.678	245	200	300	0.132	65	90
7.5	10	1450	132M	90.4	90.8	90.4	85.0	80.0	69.5	14.8	780	5.033	270	225	330	0.172	65	97
11	15	1460	160M	91.4	92.0	91.5	85.0	81.0	71.0	21.5	775	7.331	230	185	270	0.366	67	140
15	20	1460	160L	92.1	92.5	92.5	85.0	81.5	71.4	29.1	810	9.997	250	195	285	0.460	67	157
18.5	25	1475	180M	92.6	94.0	93.0	85.0	82.4	75.0	35.7	790	12.20	215	160	255	0.704	70	196
22	30	1475	180L	93.0	93.5	93.0	85.0	81.9	74.1	42.3	785	14.51	190	145	245	0.789	70	220
30	40	1470	200L	93.6	94.5	94.5	86.0	84.5	77.0	56.6	830	19.86	250	205	280	1.451	72	328
37	50	1480	225M	93.9	94.5	94.0	85.5	82.0	73.0	70.0	760	24.33	210	175	300	1.896	73	357
45	60	1480	225M	94.2	94.5	94.0	85.0	80.0	70.4	85.4	735	29.58	210	175	290	1.979	73	365
55	75	1485	250M	94.6	94.6	94.0	87.5	84.5	77.0	101	780	36.04	210	185	265	3.911	74	502
75	100	1480	280S	95.0	95.0	94.5	85.0	82.0	73.0	141	770	49.38	160	150	300	5.033	77	621
90	125	1480	280M	95.2	95.2	94.7	85.0	81.0	71.3	169	780	59.26	175	165	300	6.112	77	702
110	150	1480	315S	95.4	95.2	94.8	88.0	86.5	80.5	199	780	72.43	210	180	270	7.600	82	1025
132	175	1485	315M	95.6	95.5	94.8	87.5	85.0	78.0	240	700	86.62	180	170	230	10.40	82	1080
160	215	1482	315L	95.8	95.6	94.8	88.0	86.0	81.0	288	780	105.2	180	170	230	11.60	82	1210
185	250	1482	315L	95.9	95.6	94.6	88.5	86.5	82.5	331	680	121.6	130	105	230	14.07	82	1285
200	270	1485	315L	96.0	95.6	95.2	88.0	87.0	84.5	360	780	131.2	180	170	230	14.00	82	1356
220	300	1485	355M	96.0	95.6	95.2	89.0	88.0	84.0	391	740	144.4	140	115	230	14.40	82	1643
250	335	1485	355M	96.0	95.8	95.0	89.0	88.0	84.5	445	690	164.1	140	115	230	27.20	82	1700
280	375	1485	355L	96.0	95.8	95.0	89.5	88.0	84.5	495	735	183.7	200	115	270	32.79	82	1896
315	420	1485	355L	96.0	96.0	95.4	89.0	88.0	84.5	560	679	206.7	130	105	230	34.40	82	1975
355	475	1485	355L	96.0	95.8	95.3	89.0	87.5	81.0	631	780	233.0	200	180	280	39.22	82	2052

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
5. Data subject to change without notice.

TECO

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEBY

380V 50Hz
GB18613-2020 GB3 (IE3)
6极

OUTPUT		FULL LOAD rpm	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND	Approx Weight
kW	HP			FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg·m²	PRESSURE NO-LOAD dB(A)	Kg
0.37	0.5	905	80M	73.5	74.0	71.0	64.0	54.0	41.0	1.20	420	0.398	230	200	250	0.013	54	33
0.55	0.75	905	80M	77.2	69.9	66.4	69.0	58.0	44.5	1.57	420	0.591	210	195	225	0.015	54	39
0.75	1	935	90L	78.9	79.2	77.9	72.0	63.0	49.5	2.01	520	0.782	190	170	250	0.019	54	42
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	54	45
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	55	56
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	60	73
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	63	87
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	63	95
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	63	103
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	63	142
11	15	970	160L	90.3	91.0	90.5	78.0	72.0	60.5	23.7	755	11.03	240	255	285	0.628	63	159
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	67	226
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	69	302
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	69	331
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	69	366
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	71	497
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	74	610
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	74	695
75	100	985	315S	94.6	94.5	93.7	84.5	81.0	71.0	143	700	74.20	200	180	280	9.600	77	1020
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	77	1077
110	150	985	315L	95.1	95.0	94.2	85.0	83.0	75.5	207	667	108.8	200	180	250	18.40	77	1210
132	175	985	315L	95.4	95.3	94.3	85.0	82.5	75.0	247	760	130.6	200	180	250	20.40	77	1282
160	215	985	355M	95.6	95.5	94.5	84.5	82.5	75.0	301	660	158.3	140	115	230	31.600	81	1630
185	250	985	355M	95.8	95.5	94.6	85.0	82.8	76.0	345	650	182.7	150	125	240	37.000	81	1660
200	270	985	355M	95.8	95.5	94.6	85.0	83.0	77.5	373	650	197.9	150	125	240	40.800	81	1698
220	300	985	355L	95.8	95.5	94.6	85.0	83.0	77.5	410	650	217.7	150	125	255	40.800	81	1895
250	335	985	355L	95.8	95.6	94.8	85.5	83.5	78.0	464	660	247.3	150	125	230	46.000	81	1980
280	375	988	355L	95.8	95.6	94.8	85.0	83.0	77.5	522	760	276.2	180	150	270	53.380	81	2051

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
5. Data subject to change without notice.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEBY

380V 50Hz
GB18613-2020 GB3 (IE3)
8极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg·m²	SOUND PRESSURE NO-LOAD dB(A)	Weight Kg
0.18	0.25	705	80M	58.7	58.5	51.0	48.0	40.0	32.0	0.97	330	0.249	250	200	280	0.013	54	33.0
0.25	0.33	680	80M	64.1	63.0	58.0	60.0	50.0	39.0	0.99	300	0.358	200	170	200	0.014	54	35.0
0.37	0.5	705	90L	69.3	69.0	67.0	59.0	49.0	38.0	1.37	390	0.511	190	170	220	0.017	54	41.0
0.55	0.75	705	90L	73.0	71.5	68.9	63.5	53.0	42.5	1.80	400	0.760	170	150	220	0.025	54	45.0
0.75	1	700	100L	75.0	74.7	70.9	60.5	51.0	39.0	2.51	430	1.044	225	215	235	0.041	55	54.0
1.1	1.5	695	100L	77.7	78.8	76.8	66.0	57.0	44.0	3.26	435	1.540	200	190	210	0.059	55	57.0
1.5	2	700	112M	79.7	80.2	79.1	69.5	61.0	48.0	4.11	465	2.085	165	140	205	0.090	60	73.0
2.2	3	705	132S	81.9	82.2	79.8	69.0	60.0	46.5	5.92	555	3.036	230	205	265	0.138	61	88.0
3	4	715	132M	83.5	83.2	80.1	63.0	53.5	40.5	8.66	570	4.083	280	250	325	0.180	61	96.0
4	5.5	720	160M	84.8	84.7	82.5	70.5	62.0	48.5	10.2	590	5.406	190	170	250	0.343	62	130
5.5	7.5	720	160M	86.2	85.2	83.3	71.5	63.0	50.0	13.6	605	7.433	200	185	275	0.503	62	144
7.5	10	720	160L	87.3	87.3	85.8	71.0	64.5	51.0	18.4	595	10.14	225	215	295	0.670	62	160
11	15	720	180L	88.6	88.6	88.1	78.0	73.0	62.0	24.2	565	14.87	170	150	210	1.273	66	227
15	20	730	200L	89.6	88.9	87.5	78.0	72.0	60.0	32.6	600	19.99	195	170	230	2.082	68	330
18.5	25	735	225M	90.1	90.6	89.6	72.0	65.5	58.0	43.3	535	24.49	210	185	235	2.675	68	355
22	30	735	225M	90.6	90.6	90.6	74.5	69.0	63.0	49.5	510	29.12	210	170	215	3.023	68	364
30	40	735	250M	91.3	91.3	91.3	74.5	68.0	58.0	67.0	550	39.71	210	170	245	4.565	69	499
37	50	735	280S	91.8	92.3	91.3	78.0	73.4	63.2	78.5	575	48.98	135	130	230	6.277	71	595
45	60	735	280M	92.2	92.7	92.2	76.0	71.5	61.0	97.6	585	59.57	140	130	220	7.726	71	675
55	75	735	315S	92.5	92.5	91.8	80.5	75.1	64.1	112.2	620	72.85	140	130	220	9.200	76	1021
75	100	738	315M	93.1	93.1	92.5	79.0	74.8	63.0	154.9	550	98.93	160	150	225	10.80	76	1078
90	125	738	315L	93.4	93.4	92.8	79.5	75.5	65.0	184.2	590	118.7	170	160	240	25.60	76	1078
110	150	738	315L	93.7	93.8	93.4	79.5	76.0	65.5	224.4	650	145.1	160	150	230	28.80	76	1285
132	175	740	355M	94.0	93.8	93.4	84.0	79.0	69.0	254	620	173.8	100	90	230	39.23	79	1632
160	215	735	355M	94.3	94.2	93.2	84.0	80.0	70.0	307	680	212.1	110	90	240	46.15	79	1700
185	250	745	355L	94.4	94.2	93.2	82.0	77.0	69.0	363	640	242.0	180	90	200	51.60	79	1897
200	270	745	355L	94.6	94.4	93.4	83.0	79.0	70.0	387	640	261.6	180	90	200	65.40	79	1983
220	300	745	355L	94.6	94.4	93.4	83.0	79.0	70.0	426	600	287.8	180	90	200	65.40	79	2050

NOTE:
1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
5. Data subject to change without notice.

外形图 Outline

外形及安装尺寸图

TECO
TEBY

安装方式：B3（IM 1001）

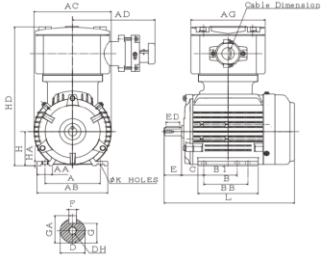


FIG.1

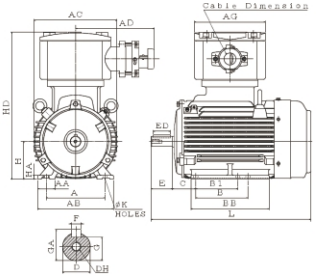


FIG.2

Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	B1	B	BB	C	H	HA	HD	K	L
2P	4P	6P	8P																
0.75	0.55	0.37	0.18	80M	125	34.5	161	175			无	100	137	50	80		326		295
1.1	0.75	0.55	0.25													10		10	
1.5	1.1	0.75	0.37	90L	140		180	202	187.5	169	100	125	186	56	90		350		381
2.2	1.5	1.1	0.55			40													
3	2.2	1.5	0.75	100L	160		200	216			无	140	211	63	100	12	375	12	419
	3		1.1																

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END		
80M	1	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L	2	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		28	60	50		24	31	M10X22	6205ZZC3	6206ZZC3		

Note : 1. Tolerance of Shaft End Diameter D : j6 .
2. Tolerance of shaft center height H : +0,-0.5.

外形图 Outline

外形及安装尺寸图

安装方式：B3（IM 1001）

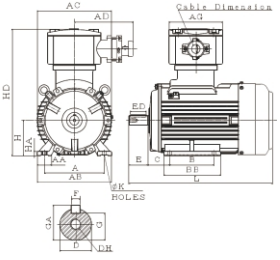


FIG.3

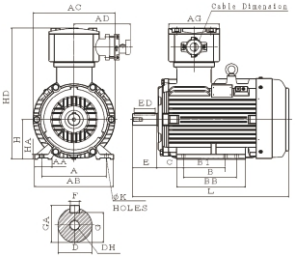


FIG.4

Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	B1	B	BB	C	H	HA	HD	K	L
2P	4P	6P	8P																
4	4	2.2	1.5	112M	190	45	235	236	187.5	169	無	140	180	70	112	13	400	12	456
5.5	5.5	3	2.2	132S	216	57	263	273					190	89	132	16	436		486
7.5																			
—	7.5	4	3	132M							140	178	230						521
		5.5																	
11	11	7.5	4	160M	254	60	300	317	209	202	無	210	256	108	160	18	487	14.5	634
15			5.5																
18.5	15	11	7.5	160L							210	254	300						668

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END		
112M	3	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
132S	4	38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M												
160M		42	110	100	12	37	45	M16X36	6309ZZC3	6307ZZC3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L												

Note : 1. Tolerance of shaft end diameter D : 1) F#112 M : j6 . 2) F#132S~160L : k6.
2. Tolerance of shaft center height H : +0,-0.5.

外形图 Outline

外形及安装尺寸图

安装方式：B3（IM 1001）

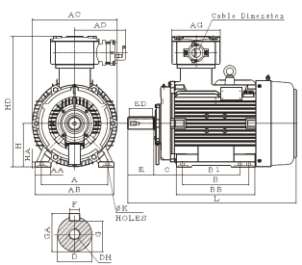


FIG.5

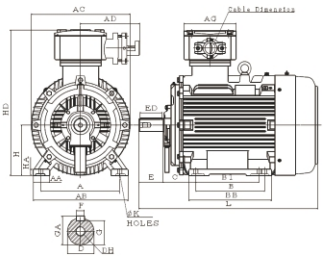


FIG.6

Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	B1	B	BB	C	H	HA	HD	K	L
2P	4P	6P	8P																
—	18.5	—	—	180M	279	65	330	355	209	202	無	241	292	121	180	20	542	14.5	672
22	—	—	—								241	279	330						710
—	22	15	11	180L															
30	30	18.5	15	200L	318	70	378	400	256	235	無	305	365	133	200	24	610	18.5	805
37		22																	
—	37	—	18.5	225M	356	75	431	448			286	311	375	149	225	28	652		(811)
45	45	30	22																841

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END		
180M	5	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L												
200L		55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~Ø37
225M	6	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64	M20X42	(6312C3) 6313C3	(6212C3) 6213C3		

Note : 1. Tolerance of shaft end diameter D : 1) F#180 : k6. 2) F#200L~225M : m6.
2. Tolerance of shaft center height H : +0,-0.5.

外形图 Outline

外形及安装尺寸图

安装方式：B3（IM 1001）

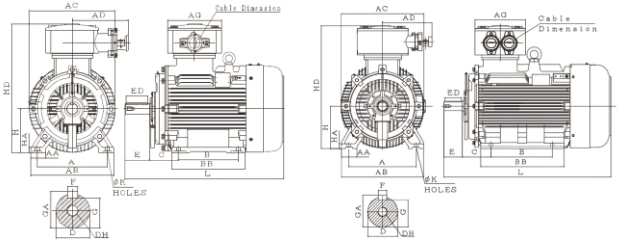


FIG.7

FIG.8

Dimensions in mm

Output (kW)					FRAME SIZE	A	AA	AB	AC	AD	AG	B	BB	C	H	HA	HD	K	L
2P	4P	6P	8P	10P															
55	55	37	30	—	250M	406	85	480	498			349	425	168	250	30	740		921
75	75	45	37	—	280S	457	110	560	542	320	310	368	465	190	280	35	780	24	990
90	90	55	45	—	280M							419	516						1050
110	110	75	55	45	315S	508	115	615	620	370	380	406	550	216	315	35	898	28	(1173) 1203
132	132	90	75	55	315M				630			457	610				913		(1253) 1283

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
250M	7	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64X2 or NPT 2.5"	Ø24~Ø40
280S		(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M												
315S	8	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85		(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63X1.5 or NPT 2.5"	Ø38~Ø58
315M												

Note : 1.Tolerance of Shaft End Diameter D : m6 .
2.Tolerance of shaft center height H : 1)For #250,+0,-0.5;2)For #280,315,+0,-1.
3. No. in( ) is for 2P.

外形图 Outline

外形及安装尺寸图

安装方式：B3（IM 1001）

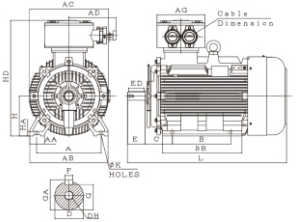


FIG.8

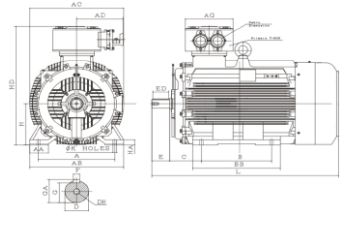


FIG.9

Dimensions in mm

Output (kW)					FRAME SIZE	A	AA	AB	AC	AD	AG	B	BB	C	H	HA	HD	K	L
2P	4P	6P	8P	10P															
160	160	110	90	75															
185	185	132	110	90	315L	508	115	615	630			508	680	216	315	35	913		(1353) 1383
200	200	—	—	—															
220	220	160	132	110	355M					370	380	560	700					28	(1488) 1518
250	250	200	160	132		610	150	750	750					254	355	45	1028		
280	280	220	185	160	355L							630	770						(1538) 1568
315	315	250	200	185															
355	355	280	220	200															

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
315L	8	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
355M	9	(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(6317C3) 6322C3		
355L												

Note : 1.Tolerance of Shaft End Diameter D : m6 .
2.Tolerance of shaft center height H : 1)For #250,+0,-0.5;2)For #280,315,+0,-1.
3. No. in( ) is for 2P.

外形图 Outline

外形及安装尺寸图

安装方式：B5（IM 3001）

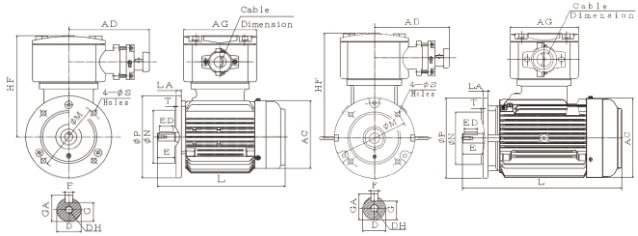


FIG.1 FIG.2

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
0.75	0.55	0.37	0.18	80M	12	165	130	200	12	3.5	175	246	187.5	169	295
1.1	0.75	0.55	0.25												
1.5	1.1	0.75	0.37	90L							202	260			381
2.2	1.5	1.1	0.55												
3	2.2	1.5	0.75	100L	16	215	180	250	14.5	4	216	275			419
	3		1.1												

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
80M	1	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L	2	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note : 1.Tolerance of Shaft End Diameter D : j6.
2.Tolerance of N : j6 .
3.Fr#80~132 : When installing the flange,the mounting bolt must be threaded in from the customer side.

外形图 Outline

外形及安装尺寸图

安装方式：B5（IM 3001）

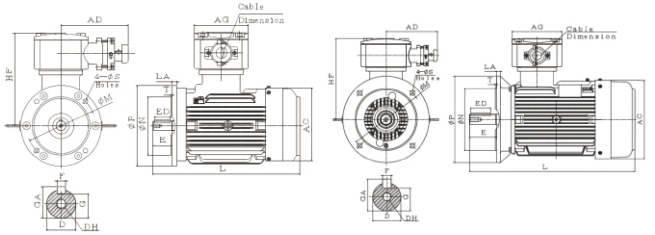


FIG.3 FIG.4

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
4	4	2.2	1.5	112M	15	215	180	250	14.5	4	236	288	187.5	169	456
5.5	5.5	3	2.2	132S	16	265	230	300			273	304			486
7.5															
—	7.5	4	3	132M											521
		5.5													
11	11	7.5	4	160M	15	300	250	350	18.5	5	317	327	209	202	634
15			5.5												
18.5	15	11	7.5	160L											668

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
112M	3	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
132S		38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M												
160M	4	42	110	100	12	37	45	M16X36	6309ZZC3	6307ZZC3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L												

Note : 1. Tolerance of shaft end diameter D : 1) F#112 M : j6. 2) F#132S~160L : k6.
2. Tolerance of N : j6 .

外形图 Outline

外形及安装尺寸图

安装方式：B5（IM 3001）

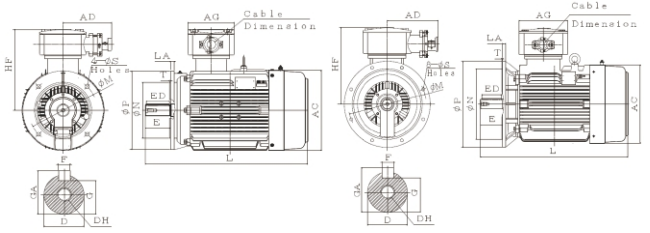


FIG.5　　FIG.6

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
—	18.5	—	—	180M	15	300	250	350	18.5	5	355	362	209	202	672
22	—	—	—												710
—	22	15	11	180L											
30	30	18.5	15	200L	17	350	300	400			400	410	256	235	805
37		22													
—	37	—	18.5	225M	20	400	350	450			448	427			(811) 841
45	45	30	22												

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
180M	5	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L												
200L		55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~Ø37
225M	6	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64		(6312C3) 6313C3	(6212C3) 6213C3		

Note : 1. Tolerance of Shaft End Diameter D : 1) F#180 : k6. 2) F#200L~225M : m6.
2. Tolerance of N : j6 .
3. No. in ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

安装方式：B5（IM 3001）

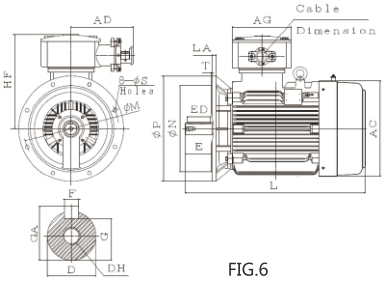


FIG.6

Dimensions in mm

Output (kW)					FRAME SIZE	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	10P		LA	M	N	P	S	T					
55	55	37	30	—	250M	22	500	450	550	18.5	5	498	490	320	310	921
75	75	45	37	—	280S							542	500			990
90	90	55	45	—	280M											1050

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
250M	6	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64X2 or NPT 2.5"	Ø24~Ø40
280S		(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M		(65) 75										

Note : 1. Tolerance of Shaft End Diameter D : m6 .
2. Tolerance of N : j6 .
3. No. in ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）

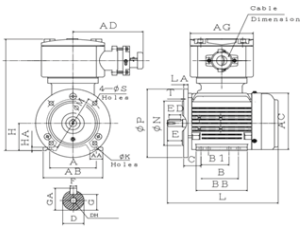


FIG.1

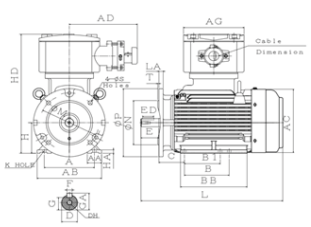


FIG.2

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B1	B	BB	C	H
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T											
0.75	0.55	0.37	0.18	80M	12	165	130	200	12	3.5	125	34.5	161	175	187.5	169	無	100	137	50	80
1.1	0.75	0.55	0.25																		
1.5	1.1	0.75	0.37	90L							140	40	180	202			100	125	186	56	90
2.2	1.5	1.1	0.55																		
3	2.2	1.5	0.75	100L	16	215	180	250	15	4	160		200	216			無	140	211	63	100
	3		1.1																		

FRAME SIZE	FIG. NO.	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
						D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
80M	1	10	326	10	295	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30X2 or NPT 1"	Ø13~Ø22
90L	2		350		381	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		12	375	12	419	28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note : 1. Tolerance of Shaft End Diameter D : j6 .
2. Tolerance of shaft center height H : +0,-0.5.
3. Tolerance of N : j6 .
4.Fr#80~132 : When installing the flange,the mounting bolt must be threaded in from the customer side.

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）

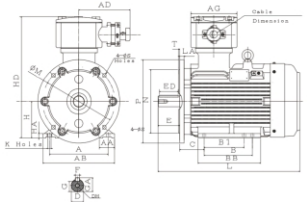


FIG.3

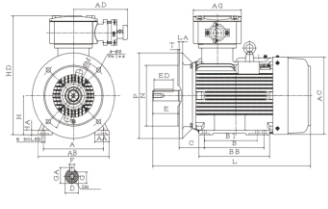


FIG.4

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B1	B	BB	C	H
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T											
4	4	2.2	1.5	112M	15	215	180	250	14.5	4	190	45	235	236	187.5	169	無	140	180	89	132
5.5	5.5	3	2.2	132S	16	265	230	300			216	57	263	273					190		
7.5																					
—	7.5	4	3	132M													140	178	230		
		5.5																			
11	11	7.5	4	160M	15	300	250	350	18.5	5	254	60	300	317	209	202	無	210	256	108	160
15			5.5																		
18.5	15	11	7.5	160L													210	254	300		

FRAME SIZE	FIG. NO.	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
						D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
112M	3	13	400	12	456	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT1"	Ø13~Ø22
132S	4	16	436		486	38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M					521											
160M		18	487	14.5	634	42	110	100	12	37	45	M16X36	6309ZZC3	6307ZZC3	rubber sheath cable or M36x2 or NPT1.25"	Ø13~Ø28
160L					668											

Note : 1. Tolerance of Shaft End Diameter D : 1) F#112 M : j6. 2) F#132S~160L : k6.
2. Tolerance of N : j6 .
3. Tolerance of shaft center height H : +0,-0.5.

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）

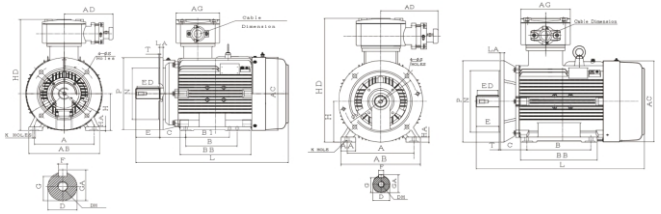


FIG.5　FIG.6

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B1	B	BB	C	H
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T											
—	18.5	—	—	180M	15	300	250	350	18.5	5	279	65	330	355	209	202	無	241	292	121	180
22	—	—	—														241	279	330		
—	22	15	11	180L																	
30	30	18.5	15	200L	17	350	300	400			318	70	378	400	256	235	無	305	365	133	200
37		22																			
—	37	—	18.5	225M	20	400	350	450			356	75	431	448			286	311	375	149	225
45	45	30	22																		

FRAME SIZE	FIG. NO.	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
						D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
180M	5	20	542	14.5	672	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25" or NPT 2"	Ø13~Ø28
180L					710											
200L		24	610	18.5	805	55			16	49	59	M20X42	6312C3	6212C3		Ø19~ Ø37
225M	6	28	652		(811) 841	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64	M20X42	(6312C3) 6313C3	(6212C3) 6213C3		

Note : 1. Tolerance of Shaft End Diameter D : 1) F#180 : k6.　2) F#200L~225M : m6.
2. Tolerance of N : j6 .
3. No. in ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）

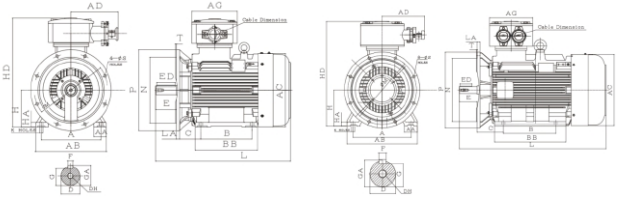


FIG.7　FIG.8

Dimensions in mm

Output (kW)					FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B	BB	C
2P	4P	6P	8P	10P	SIZE	LA	M	N	P	S	T									
55	55	37	30	—	250M	22	500	450	550	18.5	5	406	85	480	498	320	310	349	425	168
75	75	45	37	—	280S							457	110	560	542			368	465	190
90	90	55	45	—	280M													419	516	
110	110	75	55	45	315S	25	600	550	660	24	6	508	115	615	620	370	380	406	550	216
132	132	90	75	55	315M										630			457	610	

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
							D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
250M	7	250	30	740	24	921	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64x2 or NPT 2.5"	Ø24~Ø40
280S		280	35	780		990	(65) 75			(18) 20	(58) 67,5	(69) 79,5		(6314C3) 6318C3	(6314C3) 6316C3		
280M						1050											
315S	8	315	35	898	28	(1173) 1203	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
315M				913		(1253) 1283											

Note : 1. Tolerance of Shaft End Diameter D : m6 .
2. Tolerance of N : 1) F#250M~280M : j6
3. Tolerance of N : 2) F#315S~315M : js6.
4. No . In ( ) is for 2P.
5. Tolerance of shaft center height H : 1)For #250, +0,-0.5; 2)For #280,315, +0,-1.

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）

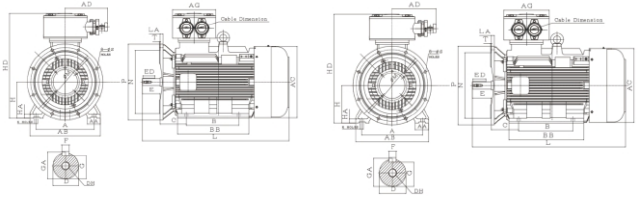


FIG.8　　FIG.9

Dimensions in mm

Output (kW)					FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B	BB	C
2P	4P	6P	8P	10P	SIZE	LA	M	N	P	S	T									
160	160	110	90	75	315L	25	600	550	660	24	6	508	115	615	630	370	380	508	680	216
185	185	132	110	90																
200	200	—	—	—																
220	220	160	132	110	355M	30	740	680	800			610	150	750	750			560	700	254
250	250	200	160	132																
280	280	220	185	160														630	770	
315	315	250	200	185	355L															
355	355	280	220	200																

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION D	E	ED	F	G	GA	DH	BEARING DRIVE END	BEARING OPPOSITE DRIVE END	EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
315L	8	315	35	913	28	(1353) 1383	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
355M	9	355	45	1028		(1488) 1518	(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(6317C3) 6322C3		
355L						(1538) 1568											

Note : 1. Tolerance of Shaft End Diameter D : m6 .
2. No . In ( ) is for 2P.
3. Tolerance of N : js6.
4. Tolerance of shaft center height H : +0,-1.

外形图 Outline

外形及安装尺寸图

安装方式：V1（IM 3011）

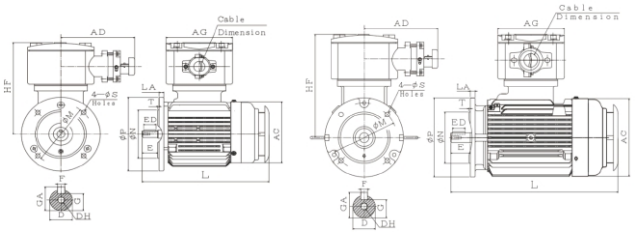


FIG.1　　FIG.2

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
0.75	0.55	0.37	0.18	80M	12	165	130	200	12	3.5	175	246	187.5	169	330
1.1	0.75	0.55	0.25												
1.5	1.1	0.75	0.37	90L							202	260			411
2.2	1.5	1.1	0.55												
3	2.2	1.5	0.75	100L	16	215	180	250	14.5	4	216	275			454
	3		1.1												

FRAME SIZE	FIG. NO.	SHAFT EXTENSION D	E	ED	F	G	GA	DH	BEARING DRIVE END	BEARING OPPOSITE DRIVE END	EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
80M	1	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L	2	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note : 1. Tolerance of Shaft End Diameter D : j6.
2. Tolerance of N : j6 .
3.Fr#80~132 : When installing the flange,the mounting bolt must be threaded in from the customer side.

外形图 Outline

外形及安装尺寸图

安装方式：V1（IM 3011）

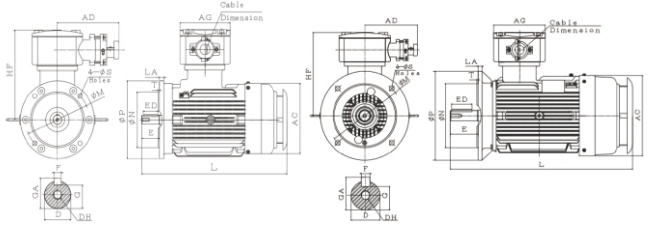


FIG.3 FIG.4

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
4	4	2.2	1.5	112M	15	215	180	250	14.5	4	236	288	187.5	169	496
5.5	5.5	3	2.2	132S	16	265	230	300			273	304			531
7.5															
—	7.5	4	3	132M											571
		5.5													
11	11	7.5	4	160M	15	300	250	350	18.5	5	317	327	209	202	684
15			5.5												
18.5	15	11	7.5	160L											718

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END		
112M	3	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
132S		38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M												
160M	4	42	110	100	12	37	45	M16X36	6309ZZC3	6307ZZC3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L												

Note : 1. Tolerance of Shaft End Diameter D : 1) F#112 M : j6.2) F#132S~160L : k6.
2. Tolerance of N : j6 .

外形图 Outline

外形及安装尺寸图

安装方式：V1（IM 3011）

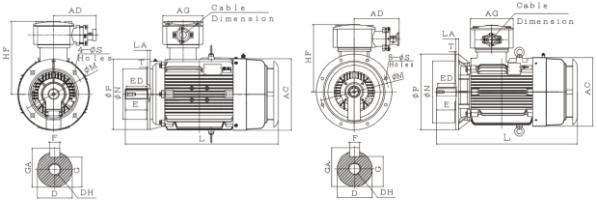


FIG.5 FIG.6

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
—	18.5	—	—	180M	15	300	250	350	18.5	5	355	362	209	202	732
22	—	—	—												770
—	22	15	11	180L											
30	30	18.5	15	200L	17	350	300	400			400	410	256	235	875
37		22													
—	37	—	18.5	225M	20	400	350	450			448	427			(871) 901
45	45	30	22												

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END		
180M	5	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L												
200L		55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~Ø37
225M	6	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64		(6312C3) 6313C3	(6212C3) 6213C3		

Note : 1. Tolerance of Shaft End Diameter D : 1) F#180 : k6. 2) F#200L~225M : m6.
2. Tolerance of N : j6 .
3. No. in ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEBY

安装方式：V1（IM 3011）

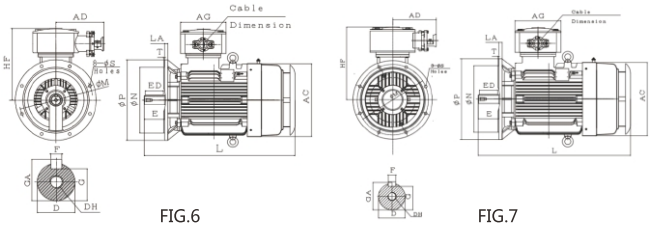


FIG.6

FIG.7

Dimensions in mm

Output (kW)					FRAME SIZE	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	10P		LA	M	N	P	S	T					
55	55	37	30	—	250M	22	500	450	550	18.5	5	498	490	320	310	993
75	75	45	37	—	280S							542	500			1090
90	90	55	45	—	280M											1150
110	110	75	55	45	315S	25	600	550	660	24	6	620	583	370	380	(1303) 1333
132	132	90	75	55	315M							630	598			(1383) 1413

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
250M	6	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64X2 or NPT 2.5"	Ø24~Ø40
280S		(65) 75			(18) 20	(58) 67.5	(69) 79.5		(6314C3) 6318C3	(6314C3) 6316C3		
280M												
315S	7	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63X1.5 or NPT 2.5"	Ø38~Ø58
315M												

Note : 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of N : 1) F#250M~280M : j6
3. Tolerance of N : 2) F#315S~315M : js6.
4. No . In ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEBY

安装方式：V1（IM 3011）

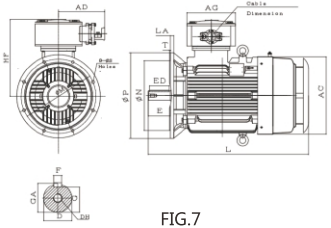


FIG.7

Dimensions in mm

Output (kW)					FRAME SIZE	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	10P		LA	M	N	P	S	T					
160	160	110	90	75	315L	25	600	550	660	24	6	630	598	370	380	(1483) 1513
185	185	132	110	90												
200	200	—	—	—												
220	220	160	132	110	355M	30	740	680	800			750	670			(1638) 1668
250	250	200	160	132												
280	280	220	185	160	355L											(1688) 1718
315	315	250	200	185												
355	355	280	220	200												

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
315L	7	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63X1.5 or NPT 2.5"	Ø38~Ø58
355M		(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(6317C3) 6322C3		
355L												

Note : 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of N : js6.
3. No . In ( ) is for 2P.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEB4

380V 50Hz
GB18613-2020 GB2（IE4）
2极

OUTPUT		FULL LOAD rpm	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	Approx Weight Kg
kW	HP			FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	SOUND POWER NO-LOAD dB(A)	
0.75	1	2880	80M	83.5	84.0	83.2	81.5	75.0	65.0	1.67	845	0.253	345	310	360	0.007	78	34.7
1.1	1.5	2880	80M	85.2	86.0	84.7	81.5	76.5	65.5	2.41	900	0.372	360	325	380	0.010	78	39.6
1.5	2	2885	90L	86.5	87.4	87.0	86.0	81.0	69.8	3.06	950	0.506	310	280	360	0.014	78	48.5
2.2	3	2885	90L	88.0	88.2	87.8	86.0	80.5	69.3	4.42	950	0.742	365	330	375	0.016	78	50.2
3	4	2885	100L	89.1	88.8	85.0	87.0	82.0	72.0	5.88	990	1.012	360	325	365	0.028	82	70.3
4	5.5	2895	112M	90.0	90.2	90.1	89.0	87.0	80.5	7.59	990	1.344	360	330	390	0.056	83	88.0
5.5	7.5	2925	132S	90.9	91.3	90.8	86.0	81.5	71.5	10.7	990	1.830	275	215	365	0.079	85	100.0
7.5	10	2925	132S	91.7	91.2	90.8	86.0	85.5	81.0	14.4	905	2.495	260	225	340	0.085	85	103.0
11	15	2950	160M	92.6	92.6	91.6	89.0	86.0	79.5	20.3	950	3.628	240	195	330	0.192	87	154
15	20	2950	160M	93.3	92.9	92.9	89.0	86.0	79.0	27.4	980	4.947	265	215	355	0.218	87	160
18.5	25	2950	160L	93.7	93.4	92.9	88.0	84.5	76.5	34.1	930	6.102	270	215	350	0.250	87	176
22	30	2950	180M	94.0	93.1	92.6	90.0	87.5	80.0	39.5	950	7.256	290	230	350	0.330	88	254
30	40	2960	200L	94.5	94.5	94.0	93.0	92.5	91.0	51.9	780	9.861	155	135	265	1.074	90	352
37	50	2965	200L	94.8	95.0	94.5	93.0	92.5	89.5	63.8	880	12.14	180	155	295	1.187	90	364
45	60	2965	225M	95.0	94.9	94.4	92.0	91.5	88.5	78.2	745	14.77	140	125	270	1.345	92	433
55	75	2970	250M	95.3	94.9	93.9	90.0	88.5	84.0	97.4	890	18.02	155	140	330	2.111	92	576
75	100	2975	280S	95.6	95.3	94.3	90.0	88.0	82.0	132	820	24.57	140	120	280	3.600	94	814
90	125	2975	280M	95.8	95.6	94.9	90.0	88.0	82.0	159	820	29.48	140	120	280	4.000	94	879
110	150	2975	315S	96.0	95.7	94.7	90.0	88.0	82.5	193	800	36.03	140	120	250	5.200	98	1474
132	175	2975	315M	96.2	96.0	95.1	90.5	89.5	85.0	230	800	43.24	140	120	250	6.000	98	1534
160	215	2975	315L	96.3	96.1	95.3	90.5	89.5	86.0	279	800	52.41	140	120	250	7.600	98	1697
185	250	2975	315L	96.5	96.4	95.8	90.5	89.5	86.5	322	800	60.5	140	120	250	8.000	98	1780
200	270	2975	315L	96.5	96.4	95.8	90.5	89.5	87.0	348	800	65.51	140	120	250	8.400	98	1861
250	335	2975	355M	96.5	96.4	95.8	90.0	89.0	85.0	437	800	81.89	130	115	230	13.60	100	1947
315	420	2975	355L	96.5	96.4	95.8	90.0	89.0	85.5	551	800	103.2	130	115	230	15.60	100	2264

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
5. Noise : sound power level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

TECO

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEB4

380V 50Hz
GB18613-2020 GB2（IE4）
4极

OUTPUT		FULL LOAD rpm	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	Approx Weight Kg
kW	HP			FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	SOUND POWER NO-LOAD dB(A)	
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	38.7
1.1	1.5	1445	90L	87.2	87.7	86.7	77.0	69.0	55.0	2.49	870	0.741	330	245	355	0.021	66	47.3
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	53.0
2.2	3	1460	100L	89.5	90.0	89.6	80.5	75.0	64.5	4.64	935	1.466	325	200	385	0.076	70	77.1
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	82.3
4	5.5	1465	112M	91.1	91.4	90.6	81.5	71.5	72.0	8.19	965	2.657	355	280	380	0.117	72	96.6
5.5	7.5	1465	132S	91.9	91.9	91.0	83.0	77.0	66.0	11.0	985	3.653	390	300	395	0.192	75	115
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	124
11	15	1470	160M	93.3	92.7	92.7	84.0	80.0	70.0	21.3	860	7.281	265	215	295	0.407	77	162
15	20	1470	160L	93.9	93.9	93.4	85.0	82.0	73.5	28.6	780	9.929	235	190	260	0.506	77	182
18.5	25	1480	180M	94.2	93.9	93.4	85.0	82.0	74.0	35.1	840	12.16	240	205	290	0.928	80	254
22	30	1480	180L	94.5	93.8	92.8	85.0	82.0	74.0	41.6	875	14.46	265	220	305	1.005	80	281
30	40	1480	200L	94.9	94.4	93.9	85.0	81.0	73.0	56.5	780	19.72	220	185	275	1.649	83	379
37	50	1480	225M	95.2	94.9	94.4	88.0	85.0	77.5	67.1	795	24.33	210	185	265	3.186	84	428
45	60	1480	225M	95.4	94.8	94.3	88.0	85.0	78.0	81.4	780	29.58	210	185	260	3.760	84	465
55	75	1480	250M	95.7	95.9	95.4	87.0	84.0	76.0	100	885	36.16	185	170	320	5.393	85	608
75	100	1488	280S	96.0	95.8	95.0	87.5	84.0	75.0	136	800	49.12	160	140	260	8.000	88	938
90	125	1488	280M	96.1	95.8	95.0	87.5	84.0	75.0	163	800	58.94	160	140	260	9.200	88	1014
110	150	1488	315S	96.3	96.2	95.5	89.0	86.5	79.0	195	850	72.04	160	140	280	17.600	94	1514
132	175	1488	315M	96.4	96.3	95.8	88.0	85.0	77.0	236	850	86.45	160	140	280	19.600	94	1622
160	215	1488	315L	96.6	96.4	95.7	88.0	85.0	77.0	286	760	104.8	200	180	260	22.80	94	1762
185	250	1488	315L	96.7	96.5	95.9	88.0	84.5	76.4	331	760	121	200	180	260	24.50	94	1850
200	270	1488	315L	96.7	96.6	96.0	88.0	84.5	76.5	357	760	131.0	200	180	260	25.20	94	1919
250	335	1488	355M	96.7	96.6	96.0	90.0	88.5	83.5	436	780	163.7	150	130	260	35.60	95	2135
315	420	1488	355L	96.7	96.6	96.2	90.0	88.5	84.0	550	780	206.3	150	130	260	39.60	95	2423

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
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

隔爆型电动机（Frame-proof motor）
Model：TEB4

380V 50Hz
GB18613-2020 GB2（IE4）
6极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	SOUND POWER NO-LOAD dB(A)	Weight Kg
0.75	1	950	90L	82.7	82.4	81.0	68.0	58.0	45.0	2.03	625	0.768	250	215	300	0.027	63	50.7
1.1	1.5	955	90L	84.5	84.5	83.0	69.5	60.5	47.5	2.85	630	1.121	260	250	335	0.037	63	58.3
1.5	2	960	100L	85.9	86.2	85.2	70.0	62.5	50.0	3.79	685	1.520	240	185	295	0.065	64	75.1
2.2	3	970	112M	87.4	87.3	85.8	66.0	58.5	46.0	5.79	705	2.207	260	220	330	0.093	70	87.7
3	4	970	132S	88.6	88.8	87.7	75.5	67.0	54.0	6.81	755	3.009	230	190	330	0.154	73	98
4	5.5	970	132M	89.5	90.2	89.8	77.0	71.0	72.0	8.82	695	4.012	190	180	280	0.206	73	109
5.5	7.5	970	132M	90.5	89.6	88.4	74.0	66.0	53.0	12.5	790	5.517	270	255	355	0.223	73	113
7.5	10	975	160M	91.3	91.5	91.0	77.0	71.0	58.5	16.2	780	7.485	285	250	285	0.503	73	158
11	15	970	160L	92.3	92.0	92.0	80.0	74.5	63.5	22.6	800	11.03	300	260	290	0.700	73	189
15	20	980	180L	92.9	93.0	93.5	84.0	80.0	71.0	29.2	800	14.89	275	230	290	1.782	77	296
18.5	25	980	200L	93.4	94.0	93.0	86.5	84.0	74.0	34.8	645	18.37	200	165	230	2.791	80	377
22	30	980	200L	93.7	93.8	92.8	85.5	82.0	74.0	41.7	695	21.84	220	180	245	3.023	80	412
30	40	980	225M	94.2	94.4	94.4	85.0	82.5	75.0	56.9	725	29.79	225	190	245	4.559	80	448
37	50	985	250M	94.5	94.9	94.9	85.0	81.5	73.0	70.0	740	36.55	175	165	275	6.011	82	595
45	60	988	280S	94.8	94.8	94.2	85.0	82.0	74.0	84.9	720	44.38	180	160	250	10.80	85	905
55	75	988	280M	95.1	95.1	94.8	85.5	82.0	74.0	103	720	54.25	180	160	250	12.80	85	1000
75	100	990	315S	95.4	95.4	94.5	85.5	82.5	74.5	139.7	680	73.82	140	120	250	23.20	89	1502
90	125	990	315M	95.6	95.5	94.8	85.5	81.5	73.0	167	700	88.59	140	120	250	26.00	89	1518
110	150	990	315L	95.8	95.8	95.3	85.5	82.5	74.0	204	720	108.3	140	120	240	30.40	89	1619
132	175	990	315L	96.0	96.0	95.3	85.5	82.5	75.0	244	720	129.9	140	120	240	34.40	89	1741
160	215	990	355M	96.2	96.0	95.3	85.0	81.5	72.5	297	720	157.5	140	120	250	36.40	94	1907
185	250	990	355M	96.3	96.1	95.5	85.0	81.5	72.5	343	720	182.1	140	120	250	41.40	94	2142
200	270	990	355M	96.3	96.2	95.6	85.0	81.5	72.5	371	720	196.9	140	120	250	44.00	94	2294
250	335	990	355L	96.5	96.4	95.8	85.5	82.0	73.0	460	750	246.1	160	140	250	53.20	94	2372

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages. Current values vary inversely with voltage.
5. Noise : sound power level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

外形图 Outline

外形及安装尺寸图

TECO
TEB4

安装方式：B3（IM 1001）

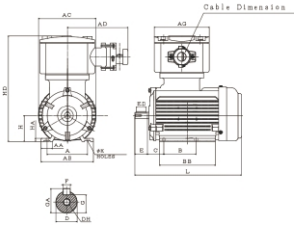


FIG.1

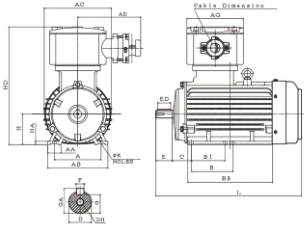


FIG.2

Dimensions in mm

Output (kW)			FRAME	A	AA	AB	AC	AD	AG	B1	B	BB	C	H	HA	HD	K	L
2P	4P	6P	SIZE															
0.75	-	-	80M	125	34.5	161	175	187.5	169	無	100	172	50	80	10	326	10	330
1.1	0.75	-																
1.5	1.1	0.75	90L	140	40	180	202			100	125	254	56	90		350		435
2.2	1.5	1.1																
3	2.2	1.5	100L	160		200	216			無	140	295	63	100	12	375	12	503
	3																	

FRAME SIZE	FIG. NO.	SHAFT EXTENSION D	E	ED	F	G	GA	DH	BEARING DRIVE END	BEARING OPPOSITE DRIVE END	EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
80M	1	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L	2	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note : 1. Tolerance of Shaft End Diameter D : j6 .
2. Tolerance of shaft center height H : +0,-0.5.

外形图 Outline

TECO TEB4

外形及安装尺寸图

安装方式：B3（IM 1001）

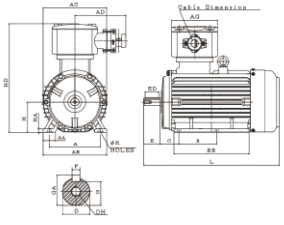


FIG.3

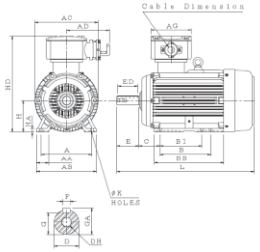


FIG.4

Dimensions in mm

Output (kW)			FRAME	A	AA	AB	AC	AD	AG	B1	B	BB	C	H	HA	HD	K	L
2P	4P	6P	SIZE															
4	4	2.2	112M	190	45	235	240	187.5	169	無	140	277	70	112	13	400	12	501
5.5	5.5	3	132S	216	57	263	273					260	89	132	16	436		540
7.5										140	178	290						
—	7.5	4	132M															570
		5.5																
11	11	7.5	160M	254	60	300	317	209	202	無	210	301	108	160	18	487	14.5	644
15										210	254	348						691
18.5	15	11	160L															

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
112M	3	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
132S	4	38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M												
160M		42	110	100	12	37	45	M16X36	6309ZZC3	6307ZZC3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L												

Note : 1. Tolerance of shaft end diameter D : 1) F#112 M : j6 . 2) F#132S~160L : k6.
2. Tolerance of shaft center height H : +0,-0.5.

外形图 Outline

TECO TEB4

外形及安装尺寸图

安装方式：B3（IM 1001）

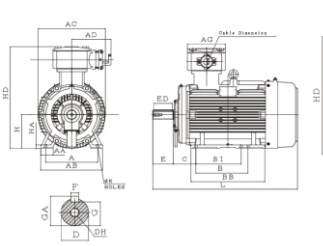


FIG.5

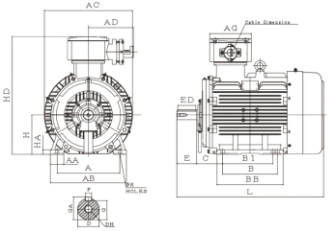


FIG.6

Dimensions in mm

Output (kW)			FRAME	A	AA	AB	AC	AD	AG	B1	B	BB	C	H	HA	HD	K	L
2P	4P	6P	SIZE															
22	18.5	—	180M	279	65	330	355	209	202	無	241	353	121	180	20	532	14.5	733
—	22	15	180L							241	279	393						773
30	30	18.5	200L	318	70	378	448	256	235	無	305	400	133	200	24	622	18.5	843
37		22																
—	37	—	225M	356	75	431	498			286	311	375	149	225	28	672		(831)
45	45	30																861

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
180M	5	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L												
200L		55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~Ø37
225M	6	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64	M20X42	(6312C3) 6313C3	(6212C3) 6213C3		

Note : 1. Tolerance of shaft end diameter D : 1) F#180 : k6. 2) F#200L~225M : m6.
2. Tolerance of shaft center height H : +0,-0.5.
3. No. in ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEB4

安装方式：B3（IM 1001）

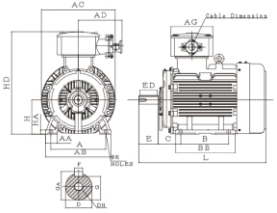


FIG.7

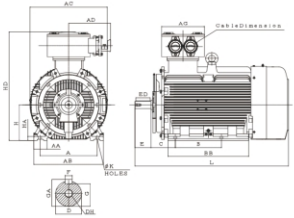


FIG.8

Dimensions in mm

Output (kW)			FRAME SIZE	A	AA	AB	AC	AD	AG	B	BB	C	H	HA	HD	K	L
2P	4P	6P															
55	55	37	250M	406	85	480	542			349	435	168	250	30	750		931
75	75	45	280S	457	85	535	630	320	310	368	546	190	280	35	810	24	1161
90	90	55	280M							419	586						1201
110	110	75	315S	508	115	615	686	370	380	406	710	216	315	35	958	28	(1354) 1384
132	132	90	315M							457	810						(1454) 1484

FRAME SIZE	FIG. NO.	SHAFT EXTENSION D	E	ED	F	G	GA	DH	BEARING DRIVE END	BEARING OPPOSITE DRIVE END	EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
250M	7	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64X2 or NPT 2.5"	Ø24~Ø40
280S		(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M												
315S	8	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85		(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63X1.5 or NPT 2.5"	Ø38~Ø58
315M												

Note : 1. Tolerance of Shaft End Diameter D : m6 .
2. Tolerance of shaft center height H : 1)For #250, +0,-0.5; 2)For #280,315, +0,-1.
3. No. in ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEB4

安装方式：B3（IM 1001）

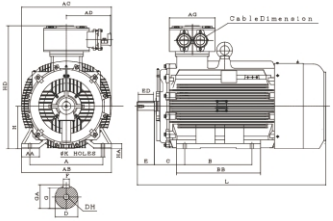


FIG.9

Dimensions in mm

Output (kW)			FRAME SIZE	A	AA	AB	AC	AD	AG	B	BB	C	H	HA	HD	K	L
2P	4P	6P															
160	160	110															
185	185	132	315L	508	115	615	686			508	810	216	315	35	958		(1454) 1484
200	200	—															
220	220	160	355M	610	150	750	750	370	380	560	700	254	355	45	1025	28	(1570) 1600
250	250	200															
280	280	220	355L							630	770						(1620) 1650
315	315	250															

FRAME SIZE	FIG. NO.	SHAFT EXTENSION D	E	ED	F	G	GA	DH	BEARING DRIVE END	BEARING OPPOSITE DRIVE END	EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
315L	8	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
355M	9	(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(6317C3) 6322C3		
355L												

Note : 1. Tolerance of Shaft End Diameter D : m6 .
2. Tolerance of shaft center height H : +0,-1.
3. No. in ( ) is for 2P.

外形图 Outline

TECO TEB4

外形及安装尺寸图

安装方式：B5（IM 3001）

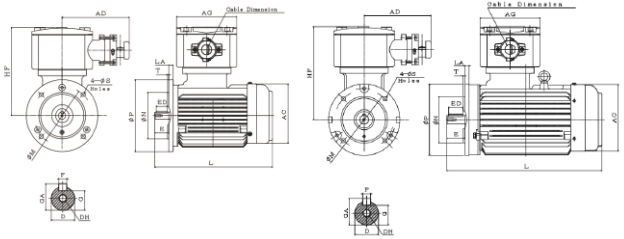


FIG.1 FIG.2

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	SIZE	LA	M	N	P	S	T					
0.75	-	-	80M	12	165	130	200	12	3.5	175	246	187.5	169	330
1.1	0.75	-												
1.5	1.1	0.75	90L							202	260			435
2.2	1.5	1.1												
3	2.2	1.5	100L	16	215	180	250	14.5	4	216	275			503
	3													

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
80M	1	19	40	32	6	15.5	21,5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L	2	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note : 1. Tolerance of Shaft End Diameter D : j6.
2. Tolerance of N : j6 .

TECO TEB4

外形图 Outline

外形及安装尺寸图

安装方式：B5（IM 3001）

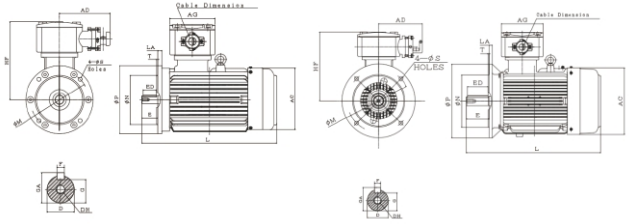


FIG.3 FIG.4

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	SIZE	LA	M	N	P	S	T					
4	4	2.2	112M	15	215	180	250	14.5	4	240	288	187.5	169	501
5.5	5.5	3	132S	16	265	230	300			273	295			540
7.5														
—	7.5	4	132M											570
		5.5												
11	11	7.5	160M	15	300	250	350	18.5	5	317	327	209	202	644
15														
18.5	15	11	160L											691

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
112M	3	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
132S		38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M												
160M	4	42	110	100	12	37	45	M16X36	6309ZZC3	6307ZZC3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L												

Note : 1. Tolerance of shaft end diameter D : 1) F#112 M : j6. 2) F#132S~160L : k6.
2. Tolerance of N : j6 .

外形图 Outline

TECO TEB4

外形及安装尺寸图

安装方式：B5（IM 3001）

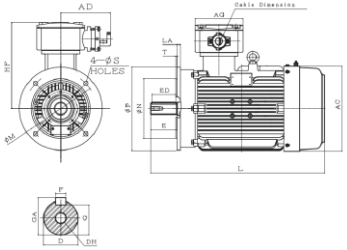


FIG.5

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	SIZE	LA	M	N	P	S	T					
22	18.5	—	180M	15	300	250	350	18.5	5	355	362	209	202	733
—	22	15	180L											773
30	30	18.5	200L	17	350	300	400			448	422	256	235	843
37		22												
—	37	—	225M	20	400	350	450			498	447			(831)
45	45	30												861

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END		
180M	5	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L												
200L		55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~Ø37
225M	6	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64		(6312C3) 6313C3	(6212C3) 6213C3		

Note : 1. Tolerance of Shaft End Diameter D : 1) F#180 : k6. 2) F#200L~225M : m6.
2. Tolerance of N : j6 .
3. No. in ( ) is for 2P.

外形图 Outline

TECO TEB4

外形及安装尺寸图

安装方式：B5（IM 3001）

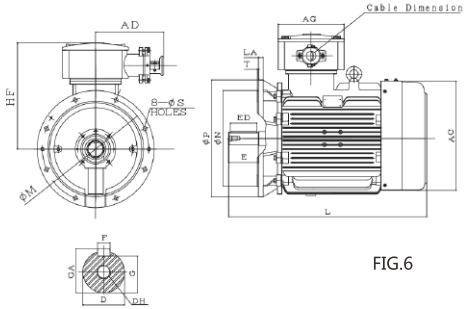


FIG.6

Dimensions in mm

Output (kW)			FRAME SIZE	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P		LA	M	N	P	S	T					
55	55	37	250M	22	500	450	550	18.5	5	542	500	320	310	931
75	75	45	280S							630	530			1161
90	90	55	280M											1201

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END		
250M	6	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64X2 or NPT 2.5"	Ø24~Ø40
280S		(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M		(65) 75										

Note : 1. Tolerance of Shaft End Diameter D : m6 .
2. Tolerance of N : j6 .
3. No. in ( ) is for 2P.

外形图 Outline

TECO
TEB4

外形及安装尺寸图

安装方式：B35（IM 2001）

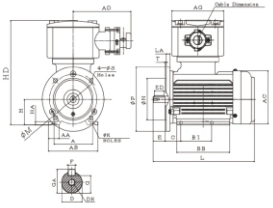


FIG.1

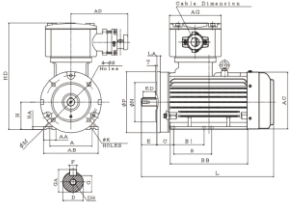


FIG.2

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B1	B	BB	C	H
2P	4P	6P	SIZE	LA	M	N	P	S	T											
0.75	-	-	80M	12	165	130	200	12	3.5	125	34.5	161	175	187.5	169	無	100	172	50	80
1.1	0.75	-																		
1.5	1.1	0.75	90L							140	40	180	202			100	125	254	56	90
2.2	1.5	1.1																		
3	2.2 3	1.5	100L	16	215	180	250	14.5	4	160		200	216			無	140	295	63	100

FRAME SIZE	FIG. NO.	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
						D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
80M	1	10	326	10	330	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L	2		350		435	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		12	375	12	503	28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note : 1. Tolerance of Shaft End Diameter D : j6 .
2. Tolerance of shaft center height H : +0,-0.5.
3. Tolerance of N : j6 .

外形图 Outline

TECO
TEB4

外形及安装尺寸图

安装方式：B35（IM 2001）

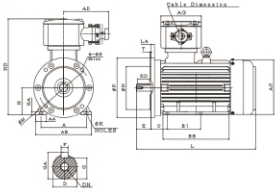


FIG.3

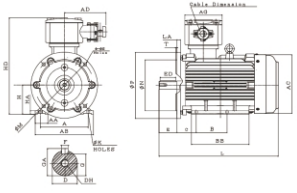


FIG.4

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B1	B	BB	C	H
2P	4P	6P	SIZE	LA	M	N	P	S	T											
4	4	2.2	112M	15	215	180	250	14.5	4	190	45	235	240	187.5	169	無	140	277	89	112
5.5 7.5	5.5	3	132S	16	265	230	300			216	57	263	273					260		132
—	7.5	4 5.5	132M													140	178	290		
11 15	11	7.5	160M	15	300	250	350	18.5	5	254	60	300	317	209	202	無	210	301	108	160
18.5	15	11	160L													210	254	348		

FRAME SIZE	FIG. NO.	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
						D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
112M	3	13	400	12	501	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT1"	Ø13~Ø22
132S	4	16	436		540	38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M					570											
160M		18	487	14.5	644	42	110	100	12	37	45	M16X36	6309ZZC3	6307ZZC3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L					691											

Note : 1. Tolerance of Shaft End Diameter D : 1) F#112 M : j6.2) F#132S~160L : k6.
2. Tolerance of N : j6 .
3. Tolerance of shaft center height H : +0,-0.5.

外形图 Outline

外形及安装尺寸图

TECO TEB4

安装方式：B35（IM 2001）

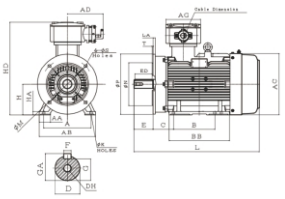


FIG.5

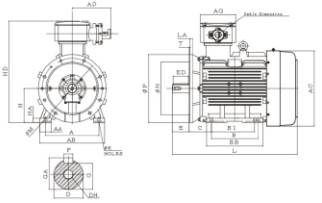


FIG.6

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B1	B	BB	C	H
2P	4P	6P	SIZE	LA	M	N	P	S	T											
22	18.5	—	180M	15	300	250	350	18.5	5	279	65	330	355	209	202	無	241	353	121	180
—	22	15	180L													241	279	393		
30	30	18.5	200L	17	350	300	400			318	70	378	448	256	235	無	305	400	133	200
37		22																		
—	37	—	225M	20	400	350	450			356	75	431	498			286	311	375	149	225
45	45	30																		

FRAME SIZE	FIG. NO.	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
						D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
180M	5	20	532	14.5	733	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L					773											
200L		24	622	18.5	843	55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~ Ø37
225M	6	28	672		(831) 861	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64	M20X42	(6312C3) 6313C3	(6212C3) 6213C3		

Note : 1. Tolerance of Shaft End Diameter D : 1) F#180 : k6. 2) F#200L~225M : m6.
2. Tolerance of N : j6 .
3. No. in ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEB4

安装方式：B35（IM 2001）

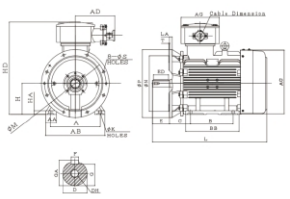


FIG.7

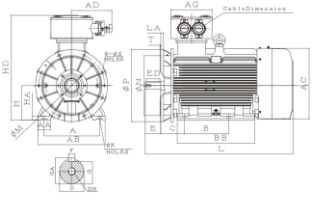


FIG.8

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B	BB	C
2P	4P	6P	SIZE	LA	M	N	P	S	T									
55	55	37	250M	22	500	450	550	18.5	5	406	85	480	542	320	310	349	435	168
75	75	45	280S							457	85	535	630			368	546	190
90	90	55	280M													419	586	
110	110	75	315S	25	600	550	660	24	6	508	115	615	686	370	380	406	710	216
132	132	90	315M													457	810	

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
							D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
250M	7	250	30	750	24	931	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64x2 or NPT 2.5"	Ø24~Ø40
280S		280	35	810		1161	(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M						1201											
315S	8	315	35	958	28	(1354) 1384	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85		(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
315M						(1454) 1484											

Note : 1. Tolerance of Shaft End Diameter D : m6 .
2. Tolerance of N : 1) F#250M~280M : j6
3. Tolerance of N : 2) F#315S~315M : js6.
4. No . In ( ) is for 2P.
5. Tolerance of shaft center height H : 1)For #250, +0,-0.5; 2)For #280,315, +0,-1.

外形图 Outline

外形及安装尺寸图

TECO TEB4

安装方式：B35（IM 2001）

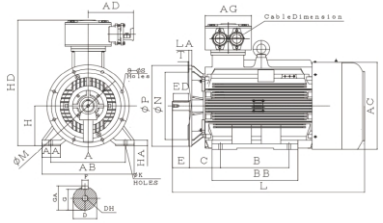


FIG.9

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	B	BB	C
2P	4P	6P	SIZE	LA	M	N	P	S	T									
160	160	110	315L	25	600	550	660	24	6	508	115	615	686	370	380	508	810	216
185	185	132																
200	200	—	355M	30	740	680	800			610	150	750	750			560	700	254
220	220	160																
250	250	200																
280	280	220	355L													630	770	
315	315	250																

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
							D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
315L	8	315	35	958	28	(1454) 1484	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
355M	9	355	45	1025		(1570) 1600	(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(6317C3) 6322C3		
355L						(1620) 1650											

Note : 1. Tolerance of Shaft End Diameter D : m6 .
2. No . In ( ) is for 2P.
3. Tolerance of N : js6.
4. Tolerance of shaft center height H : +0,-1.

外形图 Outline

外形及安装尺寸图

TECO TEB4

安装方式：V1（IM 3011）

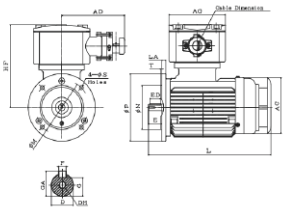


FIG.1

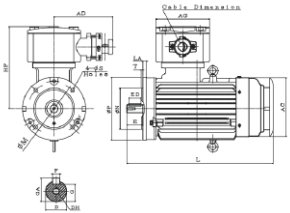


FIG.2

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	SIZE	LA	M	N	P	S	T					
0.75	-	-	80M	12	165	130	200	12	3.5	175	246	187.5	169	365
1.1	0.75	-												
1.5	1.1	0.75	90L							202	260			465
2.2	1.5	1.1												
3	2.2	1.5	100L	16	215	180	250	14.5	4	216	275			538
	3													

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
80M	1	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L	2	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note : 1. Tolerance of Shaft End Diameter D : j6.
2. Tolerance of N : j6 .

外形图 Outline

TECO TEB4

外形及安装尺寸图

安装方式：V1（IM 3011）

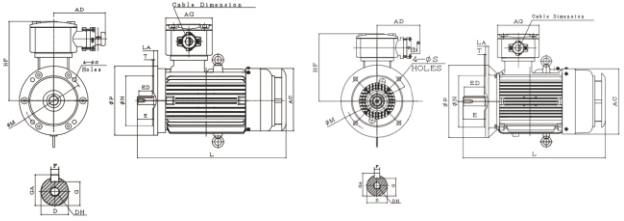


FIG.3

FIG.4

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	SIZE	LA	M	N	P	S	T					
4	4	2.2	112M	15	215	180	250	14.5	4	240	288	187.5	169	541
5.5	5.5	3	132S	16	265	230	300			273	295			585
7.5														
—	7.5	4	132M											620
		5.5												
11	11	7.5	160M	15	300	250	350	18.5	5	317	327	209	202	694
15														
18.5	15	11	160L											741

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
112M	3	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
132S		38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M												
160M	4	42	110	100	12	37	45	M16X36	6309ZZC3	6307ZZC3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L												

Note : 1. Tolerance of Shaft End Diameter D : 1) F#112 M : j6.2) F#132S~160L : k6.
2. Tolerance of N : j6 .

外形图 Outline

TECO TEB4

外形及安装尺寸图

安装方式：V1（IM 3011）

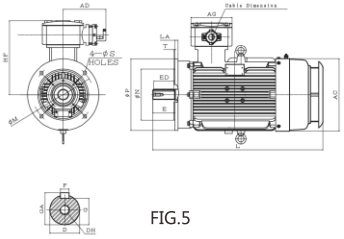


FIG.5

Dimensions in mm

Output (kW)			FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	SIZE	LA	M	N	P	S	T					
22	18.5	—	180M	15	300	250	350	18.5	5	355	362	209	202	793
—	22	15	180L											833
30	30	18.5	200L	17	350	300	400			448	422	256	235	913
37		22												
—	37	—	225M	20	400	350	450			498	447			(891) 921
45	45	30												

		SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
180M	5	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L												
200L		55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~Ø37
225M	6	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64		(6312C3) 6313C3	(6212C3) 6213C3		

Note : 1. Tolerance of Shaft End Diameter D : 1) F#180 : k6. 2) F#200L~225M : m6.
2. Tolerance of N : j6 .
3. No. in ( ) is for 2P.

外形图 Outline

TECO
TEB4

外形及安装尺寸图

安装方式：V1（IM 3011）

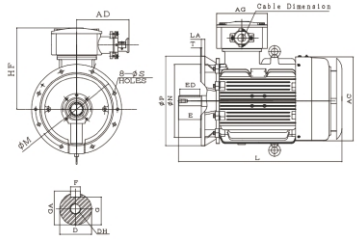


FIG.6

Dimensions in mm

Output (kW)			FRAME SIZE	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P		LA	M	N	P	S	T					
55	55	37	250M	22	500	450	550	18.5	5	542	500	320	310	1002
75	75	45	280S							630	530			1261
90	90	55	280M											1301
110	110	75	315S	25	600	550	660	24	6	686	643	370	380	(1484) 1514
132	132	90	315M											(1584) 1614

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
250M	6	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64X2 or NPT 2.5"	Ø24~Ø40
280S		(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M												
315S	7	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85		(6316C3) 6320C3	(7314B) 7316B	rubber sheath cable or M64x2 or M63X1.5 or NPT 2.5"	Ø38~Ø58
315M												

Note : 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of N : 1) F#250M~280M : j6
3. Tolerance of N : 2) F#315S~315M : js6.
3. No . In ( ) is for 2P.

外形图 Outline

TECO
TEB4

外形及安装尺寸图

安装方式：V1（IM 3011）

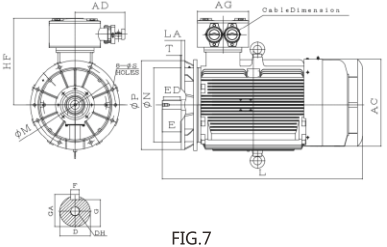


FIG.7

Dimensions in mm

Output (kW)			FRAME SIZE	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P		LA	M	N	P	S	T					
160	160	110	315L	25	600	550	660	24	6	686	643	370	380	(1584) 1614
185	185	132												
200	200	—												
220	220	160	355M	30	740	680	800			750	670			(1720) 1750
250	250	200												
280	280	220	355L											(1770) 1800
315	315	250												

FRAME SIZE	FIG. NO.	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
315L	7	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(7314B) 7316B	rubber sheath cable or M64x2 or M63X1.5 or NPT 2.5"	Ø38~Ø58
355M		(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(7317B) 7322B		
355L												

Note : 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of N : js6.
3. No . In ( ) is for 2P.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model ： TEB5

380V 50Hz
GB18613-2020 GB1 (IE5)
2极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	2/4 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	PRESSURE NO-LOAD dB(A)	Weight Kg
0.75	1	2905	80M	86.3	86.3	84.8	83.0	76.0	64.0	1.59	920	0.252	300	250	330	0.009	69	20.5
1.1	1.5	2900	80M	87.8	87.2	85.5	84.0	77.5	65.5	2.27	930	0.370	300	250	330	0.010	69	29.5
1.5	2	2890	90L	88.9	88.9	88.1	86.0	81.0	70.5	2.98	950	0.506	300	250	330	0.014	69	36.0
2.2	3	2895	90L	90.2	90.9	90.8	86.5	82.0	72.5	4.28	950	0.741	300	250	330	0.022	69	43.5
3	4	2905	100L	91.1	91.5	90.9	86.5	82.0	72.5	5.78	960	1.006	300	250	330	0.036	72	56.0
4	5.5	2910	112M	91.8	92.6	92.9	87.0	83.5	76.5	7.61	970	1.340	300	250	330	0.076	73	80.0
5.5	7.5	2935	132S	92.6	92.9	92.0	87.0	83.5	74.5	10.4	990	1.826	275	215	330	0.079	75	95.0
7.5	10	2945	132S	93.3	93.8	93.7	88.0	84.5	76.5	13.9	960	2.482	260	210	330	0.121	75	108.0
11	15	2955	160M	94.0	94.3	94.0	90.0	87.0	79.5	19.8	930	3.628	250	200	300	0.283	77	172
15	20	2960	160M	94.5	94.8	94.8	90.0	87.0	81.0	26.8	950	4.938	280	225	310	0.340	77	187
18.5	25	2955	160L	94.9	95.1	94.9	90.0	87.0	78.5	32.9	970	6.101	290	240	320	0.396	77	202
22	30	2970	180M	95.1	95.4	95.2	90.5	88.5	83.0	38.8	980	7.218	300	180	330	0.723	77	274
30	40	2975	200L	95.5	95.3	94.7	92.0	91.0	87.0	51.9	950	9.827	210	180	330	1.414	79	357
37	50	2980	200L	95.8	95.4	94.8	92.0	89.5	83.5	63.8	960	12.10	230	160	330	1.527	79	370
45	60	2975	225M	96.0	95.7	95.1	92.0	90.0	85.5	77.4	950	14.74	220	130	330	1.883	81	467
55	75	2975	250M	96.2	96.1	95.6	90.0	88.0	83.0	96.5	930	18.02	215	120	330	2.639	81	538
75	100	2975	280S	96.5	96.1	95.2	90.0	87.0	79.5	131	850	24.57	140	120	330	4.000	82	820
90	125	2975	280M	96.6	96.3	95.6	90.5	88.0	81.0	156	820	29.48	140	120	300	4.400	82	890
110	150	2980	315S	96.8	96.6	95.9	90.0	88.0	82.5	192	900	35.97	140	120	260	6.000	86	1300
132	175	2980	315M	96.9	96.8	96.2	91.0	89.5	85.0	227	900	43.17	140	120	260	7.200	86	1460
160	215	2980	315L	97.0	96.9	96.4	91.5	90.0	86.0	274	900	52.32	150	125	260	8.000	86	1600
200	270	2980	315L	97.2	97.1	96.6	91.5	90.0	86.0	342	950	65.40	160	130	260	9.600	86	1750
250	335	2980	355M	97.2	97.1	96.8	91.0	89.5	85.0	429	800	81.75	130	115	230	15.20	87	2000
315	420	2980	355L	97.2	97.1	96.8	91.0	89.5	85.0	541	850	103.0	150	130	250	18.80	87	2400

NOTE：1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

TECO

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model ： TEB5

380V 50Hz
GB18613-2020 GB1 (IE5)
4极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	2/4 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	PRESSURE NO-LOAD dB(A)	Weight Kg
0.75	1	1440	80M	88.2	88.2	86.4	71.0	61.5	49.5	1.82	930	0.508	300	250	350	0.023	57	22.0
1.1	1.5	1455	90L	89.5	89.8	88.7	77.0	69.5	56.0	2.43	930	0.737	300	250	350	0.031	57	41.0
1.5	2	1455	90L	90.4	90.3	89.6	77.0	69.5	56.5	3.27	910	1.005	300	250	350	0.039	57	44.5
2.2	3	1470	100L	91.4	91.0	89.8	77.5	70.5	57.5	4.72	910	1.458	300	250	350	0.074	60	57.5
3	4	1470	100L	92.1	91.9	91.0	77.5	71.0	59.0	6.39	910	1.989	300	250	350	0.089	60	63.0
4	5.5	1470	112M	92.8	92.2	90.8	78.5	71.0	58.0	8.34	920	2.652	300	250	350	0.155	62	90.0
5.5	7.5	1470	132S	93.4	93.1	92.3	80.0	74.0	62.0	11.2	955	3.646	300	250	350	0.222	65	111
7.5	10	1475	132M	94.0	93.5	92.5	80.0	73.0	61.5	15.2	980	4.955	280	245	350	0.252	65	127
11	15	1480	160M	94.6	94.9	94.6	82.0	79.5	70.0	21.5	870	7.243	280	225	285	0.773	67	191
15	20	1485	160L	95.1	95.0	94.2	82.0	77.0	66.0	29.2	890	9.843	300	265	320	0.928	67	211
18.5	25	1480	180M	95.3	95.2	94.8	85.0	80.5	71.0	34.7	890	12.18	300	265	360	1.451	69	261
22	30	1480	180L	95.5	95.5	95.1	85.0	80.5	71.5	41.2	890	14.49	325	265	360	1.766	69	289
30	40	1485	200L	95.9	95.8	95.3	85.0	81.0	71.5	55.9	860	19.69	280	215	300	2.556	72	389
37	50	1485	225M	96.1	95.9	95.3	87.0	83.0	74.0	67.2	850	24.28	255	210	285	4.490	73	472
45	60	1485	225M	96.3	96.3	96.0	87.0	83.5	75.0	81.6	850	29.53	290	235	320	5.214	73	512
55	75	1485	250M	96.5	96.3	95.8	87.0	82.5	73.5	100	850	36.09	270	180	320	6.651	74	587
75	100	1488	280S	96.7	96.5	96.0	86.5	82.0	72.0	136	750	49.12	160	140	280	8.000	77	880
90	125	1488	280M	96.9	96.7	96.2	86.2	82.0	72.0	164	750	58.94	160	140	280	9.200	77	960
110	150	1490	315S	97.0	96.9	96.4	87.0	83.0	74.0	198	780	71.94	180	150	280	17.600	82	1460
132	175	1490	315M	97.1	97.0	96.6	87.5	83.8	74.8	236	780	86.33	180	150	280	19.600	82	1650
160	215	1488	315L	97.2	97.1	96.7	88.4	85.0	77.0	283	780	104.8	200	170	280	25.20	82	1820
200	270	1488	315L	97.4	97.3	97.0	87.8	84.0	75.0	355	800	131.0	200	170	280	27.20	82	1950
250	335	1490	355M	97.4	97.4	97.0	90.5	89.0	84.0	431	780	163.5	150	130	260	35.60	82	2400
315	420	1490	355L	97.4	97.4	97.0	90.5	89.0	83.0	543	780	206.0	160	140	280	42.80	82	2650

NOTE：1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model ： TEB5

380V 50Hz
GB18613-2020 GB1 (IE5)
6极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	2/4 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	PRESSURE NO-LOAD (dB(A))	Weight Kg
0.75	1	960	90L	85.7	85.4	83.2	63.0	53.5	40.5	2.11	820	0.761	260	230	320	0.031	53	40.0
1.1	1.5	960	90L	87.2	86.6	84.6	63.0	52.5	39.5	3.04	810	1.117	280	240	340	0.041	53	45.0
1.5	2	965	100L	88.4	88.4	87.3	68.0	59.5	46.5	3.79	800	1.515	245	165	300	0.070	53	55.5
2.2	3	985	112M	89.7	89.2	87.7	66.0	58.5	46.0	5.65	800	2.177	260	220	330	0.093	59	75.0
3	4	970	132S	90.6	90.7	89.8	72.0	63.5	50.0	6.99	830	3.014	200	185	305	0.166	62	96
4	5.5	970	132M	91.4	91.7	91.3	72.0	64.0	51.0	9.24	890	4.019	200	190	310	0.217	62	108
5.5	7.5	975	132M	92.2	92.2	91.4	73.0	64.5	50.5	12.4	890	5.497	280	245	360	0.280	62	122
7.5	10	975	160M	92.9	92.1	90.6	77.0	69.5	56.5	15.9	830	7.496	280	260	300	1.401	62	199
11	15	985	160L	93.7	93.5	92.8	77.5	70.5	57.5	23.0	830	10.88	280	270	300	1.592	62	213
15	20	985	180L	94.3	94.3	93.7	79.5	73.0	60.0	30.4	830	14.84	290	225	310	2.244	66	282
18.5	25	990	200L	94.6	94.7	93.8	81.0	75.0	63.0	36.7	830	18.21	300	235	310	3.256	69	362
22	30	990	200L	94.9	94.8	94.1	83.0	78.0	67.0	42.4	800	21.66	290	210	310	3.489	69	374
30	40	990	225M	95.3	95.3	94.9	83.5	78.5	68.0	57.3	800	29.53	270	225	305	5.288	69	458
37	50	985	250M	95.6	95.6	95.2	83.5	78.5	67.5	70.4	800	36.61	180	170	305	7.454	71	525
45	60	990	280S	95.8	95.6	94.9	83.2	78.0	67.5	85.8	800	44.29	180	150	300	11.20	74	860
55	75	990	280M	96.0	95.8	95.2	84.2	79.5	70.0	103	800	54.14	180	150	300	13.60	74	940
75	100	992	315S	96.3	96.2	95.8	85.0	81.0	72.0	139.2	750	73.68	140	120	260	24.40	77	1460
90	125	992	315M	96.5	96.3	96.0	85.0	81.5	72.5	167	750	88.41	140	120	260	28.80	77	1200
110	150	990	315L	96.6	96.5	96.0	85.0	80.0	71.0	204	780	108.3	160	145	260	33.20	77	1650
132	175	990	315L	96.8	96.7	96.2	85.5	81.5	72.5	242	800	129.9	170	150	260	41.60	77	1730
160	215	992	355M	96.9	96.8	96.3	85.0	81.0	71.5	295	770	157.2	140	120	250	40.40	81	1950
200	270	992	355M	97.0	97.0	96.5	85.0	81.5	72.5	369	770	196.5	140	120	250	47.60	81	2150
250	335	992	355L	97.0	97.0	96.7	86.0	83.0	75.0	455	740	245.6	140	120	250	54.80	81	2400

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

外形图 Outline

TECO
TEB5

外形及安装尺寸图

安装方式：B3（IM 1001）

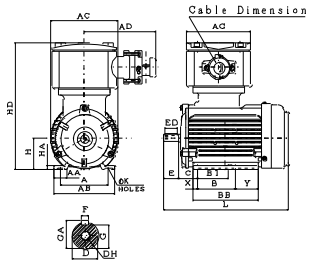


FIG.1

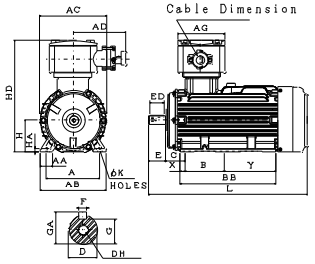


FIG.2

Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	X	Y	B1	B	BB	C	H	HA	HD	K
2P	4P	6P	8P																	
0.75	-	-	0.18	80M	125	34.5	161	175	187.5	169	13	109	無	100	222	50	80	10	326	10
1.1	0.75	-	0.25																	
1.5	1.1	0.75	0.37	90L	140	40	180	202			11	148	100	125	284	56	90		350	
2.2	1.5	1.1	0.55																	
3	2.2	1.5	0.75	100L	160		200	216			18	137	無	140	295	63	100	100	375	12
	3		1.1																	
4	4	2.2	1.5	112M	190	45	235	240			18	184			342	70	112	13	400	12

FRAME SIZE	FIG. NO.	SHAFT EXTENSION L	D	E	ED	F	G	GA	BEARING DH	DRIVE END	OPPOSITE DRIVE END	EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
80M	1	380	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L		465	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		503	28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		
112M	2	566								6306ZZC3	6306ZZC3		

Note: 1. Tolerance of Shaft End Diameter D: j6 .
2. Tolerance of shaft center height H: +0,-0.5.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式：B3（IM 1001）

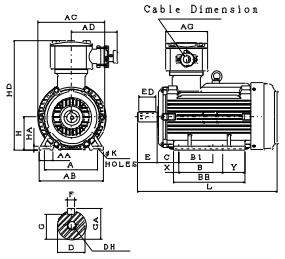


FIG.7

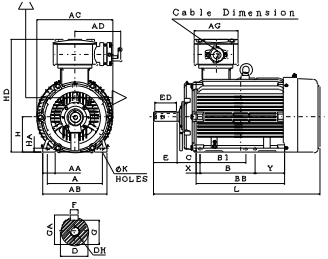


FIG.8

Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	X	Y	B1	B	BB	C	H	HA	HD	K
2P	4P	6P	8P																	
5.5	5.5	3	22	132S	216	57	263	273	187.5	169	22	128	無	140	290	89	132	16	427	12
7.5																				
-	7.5	4 5.5	3	132M							22	126	140	178	326					
11	11	7.5	4 5.5	160M	254	60	300	355	209	202	18	180	無	210	408	108	160	18	512	14.5
15																				
18.5	15	11	7.5	160L							18	136	210	254						

		SHAFT EXTENSION							BEARING			EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	L	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
132S	3	570	38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
132M		606											
160M	4	773	42	110	100	12	37	45	M16X36	6309C3	6307C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L													

Note: 1. Tolerance of shaft end diameter D: k6.
2. Tolerance of shaft center height H: +0,-0.5.

外形图 Outline

TECO

TEB5

外形及安装尺寸图

安装方式：B3（IM 1001）

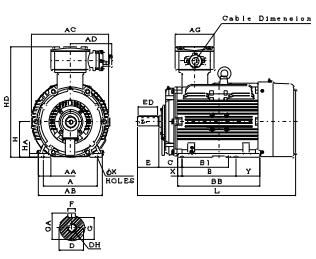


FIG.5

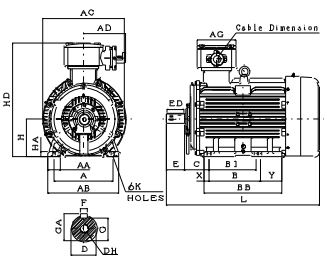


FIG.6

Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	X	Y	B1	B	BB	C	H	HA	HD	K
2P	4P	6P	8P																	
22	18.5	—	—	180M	279	65	330	400	209	202	22	161	無	241	424	121	180	20	557	14.5
—	22	15	11	180L							22	123	241	279						
30	30	18.5	15	200L	318	70	378	448	256	235	30	145	無	305	480	133	200	24	622	18.5
37		22																		
—	37	—	18.5	225M	356	75	431	498			32	132	286	311	475	149	225	28	672	
45	45	30	22																	

		SHAFT EXTENSION							BEAR ING			EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	L	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
180M	5	819	48	110	110	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L													
200L		923	55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~Ø37
225M	6	(931) 961	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64	M20X42	(6312C3) 6313C3	(6212C3) 6213C3		

Note: 1. Tolerance of shaft end diameter D: 1) F#180: k6.
2) F#200L~225M: m6.
2. Tolerance of shaft center height H: +0,-0.5.
3. No. in ( ) is for 2P.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式：B3（IM 1001）

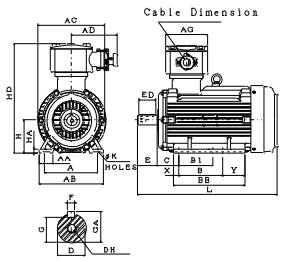


FIG.7

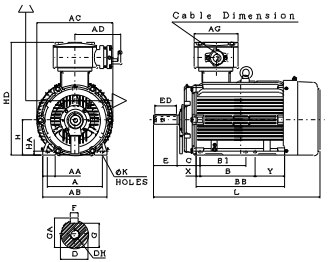


FIG.8

Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	X	Y	B	BB	C	H	HA	HD	K
2P	4P	6P	8P																
55	55	37	30	250M	406	85	480	542			38	122	122	509	168	250	30	750	
75	75	45	37	280S	457	85	535	630	320	310	41	137	137	546	190	280	35	810	24
90	90	55	45	280M							41	126	126	586					
110	110	75	55	315S	508	115	615	686	370	380	63	241	406	710	216	315	35	958	28
132	132	90	75	315M							63	290	457	810					

		SHAFT EXTENSION							BEARING			EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	L	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
250M	7	1005	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6315C3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
280S		1161	(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M		1201											
315S	8	(1354) 1384	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85		(6316C3) 6320C3	(6314C3) 6326C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
315M		(1454) 1484											

Note: 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of shaft center height H: 1)For #250, +0,-0.5; 2)For #280,315, +0,-1.
3. No. in ( ) is for 2P.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式：B3（IM 1001）

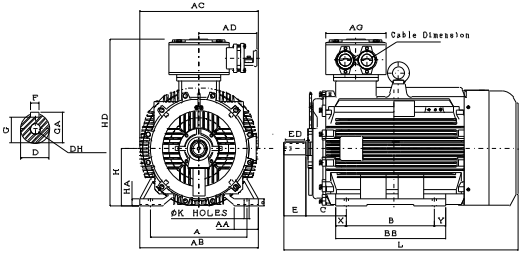


FIG.9

Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	X	Y	B	BB	C	H	HA	HD	K
2P	4P	6P	8P																
160	160	110	90																
185	185	132	110	315L	508	115	615	686			63	239	508	810	216	315	35	958	
200	200	—	—																
220	220	160	132	355M	610	150	750	750	370	380	68	72	560	700	254	355	45	1025	28
250	250	200	160																
280	280	220	185	355L							68	72	630	770					
315	315	250	200																

		SHAFT EXTENSION							BEARING			EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	L	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
315L	8	(1454) 1484	(65) 80	(140) 170	(67.5) 86	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
355M	9	(1570) 1600	(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(6317C3) 6322C3		
355L		(1620) 1650											

Note: 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of shaft center height H: +0,-1.
3. No. in ( ) is for 2P.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： B5 (IM 3001)

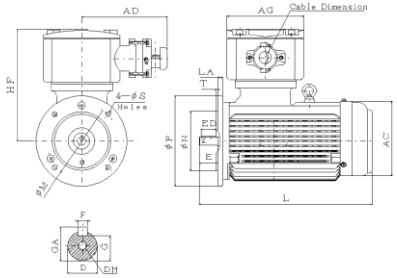


FIG.1

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
0.75	-	-	0.18	80M	12	165	130	200	12	3.5	175	246	187.5	169	380
1.1	0.75	-	0.25												
1.5	1.1	0.75	0.37	90L							202	260			465
2.2	1.5	1.1	0.55												
3	2.2	1.5	0.75	100L	16	215	180	250	14.5	4	216	275			503
	3		1.1												

		SHAFT EXTENSION						BEARING			EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
80M	1	19	40	32	6	21.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L		24	50	40	8	27	27	M8X19	6205ZZC3	6205ZZC3		
100L		28	60	50		31	31	M10X22	6206ZZC3	6206ZZC3		

Note: 1. Tolerance of Shaft End Diameter D: j6.
2. Tolerance of N: j6.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： B5 (IM 3001)

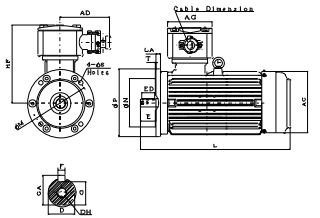


FIG.2

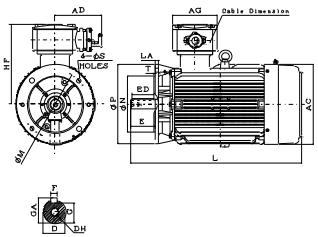


FIG.3

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
4	2.2	2.2	1.5	112M	15	215	180	250	14.5	4	240	288	187.5	169	566
5.5	5.5	3	2.2	132S	16	265	230	300			273	295			570
7.5															
-	7.5	4	3	132M											606
		5.5													
11	11	7.5	4	160M		300	250	350	18.5	5	355	352	209	202	773
15			5.5												
18.5	15	11	7.5	160L											

		SHAFT EXTENSION						BEARING			EXPORT WIRE	THE RANGE of
FRAME SIZE	FIG. NO.	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
112M	2	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT1"	Ø13~Ø22
132S		38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M												
160M	3	42	110	100	12	37	45	M16X36	6309C3	6307C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L												

Note: 1. Tolerance of Shaft End Diameter D: 1) F#112 M: j6. 2) F#132S~160L: k6.
2. Tolerance of N: j6.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： B5 (IM 3001)

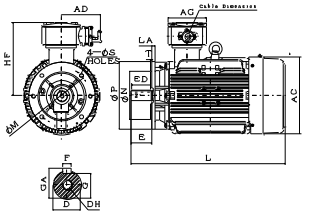


FIG.4

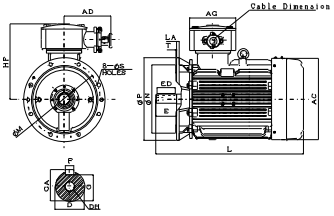


FIG.5

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
22	18.5	—	—	180M	16	300	250	350	18.5	5	400	377	209	202	819
—	22	15	11	180L											
30	30	18.5	15	200L	17	350	300	400			448	422	256	235	923
37		22													
—	37	—	18.5	225M	20	400	350	450			498	447			(931) 961
45	45	30	22												

FRAME SIZE	FIG. NO.	SHAFT EXTENSION						BEARING			EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
180M	4	48	110	100	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L					16							
200L		55				49	59	M20X42	6312C3	6212C3		
225M	5	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64	M20X42	(6312C3) 6313C3	(6212C3) 6213C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~ Ø37

Note: 1. Tolerance of Shaft End Diameter D: 1) F#180: k6.
2) F#200L~225M: m6.
2. Tolerance of N: j6.
3. No. in ( ) is for 2P.
4. Fr#225 : When installing the flange,the mounting bolt must be threaded in from the customer side.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： B5 (IM 3001)

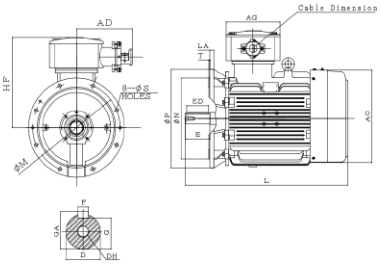


FIG.6

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
55	55	37	30	250M	22	500	450	550	18.5	5	542	500	320	310	1005
75	75	45	37	280S							630	530			1161
90	90	55	45	280M											1201

FRAME SIZE	FIG. NO.	SHAFT EXTENSION						BEARING			EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
250M	6	(60) 65	140	125	18	(53) 58"	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64X2 or NPT 2.5"	Ø24~Ø40
280S		(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M												

Note: 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of N: j6.
3. No. in ( ) is for 2P.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： B35 (IM 2001)

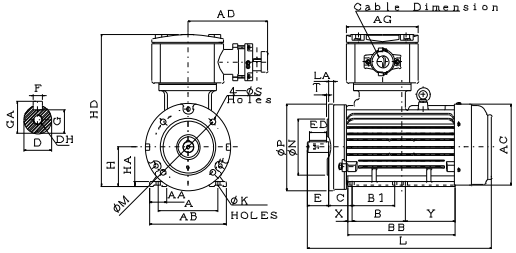


FIG.1

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	X	Y	B1	B	BB	C
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T												
0.75	-	-	0.18	80M	12	165	130	200	12	3.5	125	34.5	161	175	187.5	169	13	109	無	100	222	50
1.1	0.75	-	0.25																			
1.5	1.1	0.75	0.37	90L							140	40	180	202			11	148	100	125	284	56
2.2	1.5	1.1	0.55																			
3	2.2	1.5	0.75	100L	16	215	180	250	14.5	4	160		200	216			18	137	無	140	295	63
	3		1.1																			

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of outer DIAMETER of INLET CABLE
							D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	
80M	1	80	10	326	10	380	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L		90		350		465	24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		100	12	375	12	503	28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note: 1. Tolerance of Shaft End Diameter D: j6 .
2. Tolerance of shaft center height H: +0,-0.5.
3. Tolerance of N: j6 .

外形图 Outline

TECO

TEB5

外形及安装尺寸图

安装方式： B35 (IM 2001)

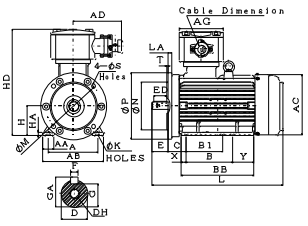


FIG.2

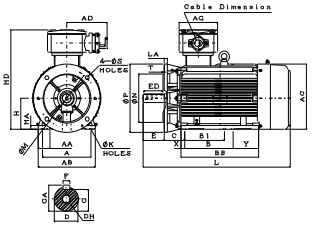


FIG.3

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	X	Y	B1	B	BB	C
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T												
4	4	2.2	1.5	112M	15	215	180	250			250	250	250	250			18	184			342	70
5.5	5.5	3	2.2	132S	16	265	230	300	14.5	4	216	57	263	273	187.5	169	22	128	無	140	290	89
7.5																						
—	7.5	4	3	132M													22	126	140	178	326	
		5.5																				
11	11	7.5	4	160M		300	250	350	18.5	5	254	60	300	355	209	202	18	180	無	210	408	108
15			5.5																			
18.5	15	11	7.5	160L													18	136	210	254		

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of outer DIAMETER of INLET CABLE
							D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	
112M	2	112	13	400	12	566	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT1"	Ø13~Ø22
132S		132	16	427		570	38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M						606											
160M	3	160	18	512	14.5	773	42	110	100	12	37	45	M16X36	6309C3	6307C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L																	

Note: 1. Tolerance of Shaft End Diameter D: 1) F#112 M: j6. 2) F#132S~160L : k6.
2. Tolerance of N: j6 .
3. Tolerance of shaft center height H: +0,-0.5.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： B35 (IM 2001)

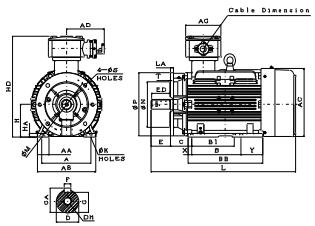


FIG.4

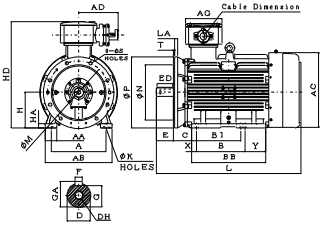


FIG.5

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	X	Y	B1	B	BB	C
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T												
22	18.5	—	—	180M	16	300	250	350	18.5	5	279	65	330	400	209	202	22	161	無	241	424	121
—	22	15	11	180L													22	123	241	279		
30	30	18.5	15	200L	17	350	300	400			318	70	378	448	256	235	30	145	無	305	480	133
37		22																				
—	37	—	18.5	225M	20	400	350	450			356	75	431	498			32	132	286	311	475	149
45	45	30	22																			

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of outer DIAMETER of INLET CABLE
							D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	
180M	4	180	20	557	14.5	819	48	110	110	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L																	
200L		200	24	622	18.5	923	55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~ Ø37
225M	5	225	28	672		(931) 961	(55) 60	(110) 140	(110) 125	(16) 18	(49) 53	(59) 64	M20X42	(6312C3) 6313C3	(6212C3) 6213C3		

Note: 1. Tolerance of Shaft End Diameter D: 1) F#180: k6. 2) F#200L~225M : m6.
2. Tolerance of N: j6 .
3. No. in ( ) is for 2P.
4. Fr#225 : When installing the flange,the mounting bolt must be threaded in from the customer side.

外形图 Outline

TECO

TEB5

外形及安装尺寸图

安装方式： B35 (IM 2001)

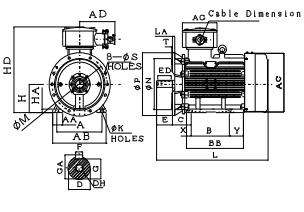


FIG.6

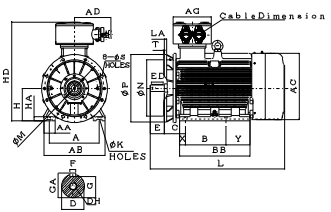


FIG.7

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	X	Y	B	BB	C
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T											
55	55	37	30	250M	22	500	450	550	18.5	5	406	85	480	542	320	310	38	122	349	509	168
75	75	45	37	280S							457	85	535	630			41	137	368	546	190
90	90	55	45	280M													41	126	419	586	
110	110	75	55	315S	25	600	550	660	24	6	508	115	615	686	370	380	63	241	406	710	216
132	132	90	75	315M													63	290	457	810	

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of outer DIAMETER of INLET CABLE
							D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	
250M	6	250	250	250	14.5	1005	(60) 65	145	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64x2 or NPT 2.5"	Ø24~Ø40
280S		280	280	280		1161	(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M						1201											
315S	7	315	315	315	18.5	(1354) 1384	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85		(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
315M						(1454) 1484											

Note: 1. Tolerance of Shaft End Diameter D: m6 . 2)Fr#315S~315M:js6.
2. Tolerance of N: 1)Fr#250M~280M:j6.
3. Tolerance of shaft center height H: 1)For #250, +0,-0.5; 2)For #280,315, +0,-1.
4. No . In ( ) is for 2P.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： B35 (IM 2001)

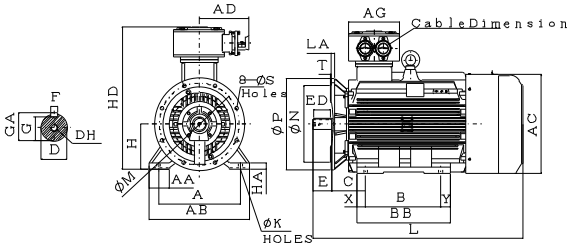


FIG.8

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	X	Y	B	BB	C
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T											
160	160	110	90	315L	25	600	550	660	24	6	508	115	615	686	370	380	63	239	508	810	216
185	185	132	110																		
200	200	—	—	355M	30	740	680	800			610	150	750	750			68	72	560	700	254
220	220	160	132																		
250	250	200	160														68	72	630	770	
280	280	220	185	355L																	
315	315	250	200																		

FRAME SIZE	FIG. NO.	H	HA	HD	K	L	SHAFT EXTENSION							BEARING		EXPORT WIRE	THE RANGE of outer DIAMETER
							D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	of INLET CABLE
315L	7	315	35	958		(1454) 1484	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(6314C3) 6316C3	rubber sheath cable or M64x2 or M63x1.5 or NPT 2.5"	Ø38~Ø58
355M	8	355	45	1025		(1570) 1600	(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(6317C3) 6322C3		
355L						(1620) 1650											

Note: 1. Tolerance of Shaft End Diameter D: m6.
2. No. In ( ) is for 2P.
3. Tolerance of N: js6.
4. Tolerance of shaft center height H: +0,-1.

外形图 Outline

TECO

TEB5

外形及安装尺寸图

安装方式： V1 (IM 3011)

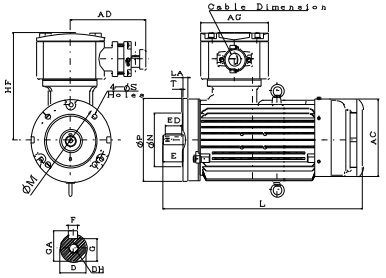


FIG.1

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
0.75	-	-	0.18	80M	12	165	130	200	12	3.5	175	246	187.5	169	415
1.1	0.75	-	0.25												
1.5	1.1	0.75	0.37	90L							202	260			500
2.2	1.5	1.1	0.55												
3	2.2	1.5	0.75	100L	16	215	180	250	14.5	4	216	275			538
	3		1.1												

FRAME SIZE	FIG. NO.	SHAFT EXTENSION						BEARING			EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
80M	1	19	40	32	6	15.5	21.5	M6X16	6204ZZC3	6204ZZC3	rubber sheath cable or M30x2 or NPT 1"	Ø13~Ø22
90L		24	50	40	8	20	27	M8X19	6205ZZC3	6205ZZC3		
100L		28	60	50		24	31	M10X22	6206ZZC3	6206ZZC3		

Note: 1. Tolerance of Shaft End Diameter D: j6.
2. Tolerance of N: j6.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： V1 (IM 3011)

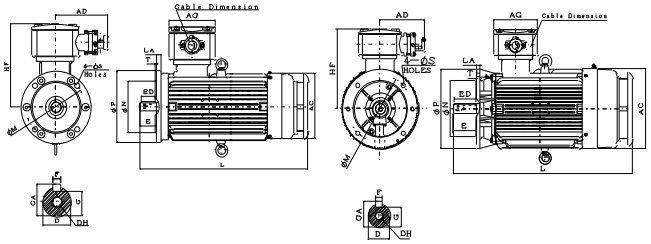


FIG.2

FIG.2

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
4	4	2.2	1.5	112M	15	215	180	250	14.5	4	240	288	187.5	169	601
5.5	5.5	3	2.2	132S	16	265	230	300			273	295			605
7.5		3													
—	7.5	4	3	132M											641
	7.5	5.5													
11	11	7.5	4	160M		300	250	350	18.5	5	355	352	209	202	813
15	7.5	5.5	5.5												
18.5	15	11	7.5	160L											

FRAME SIZE	FIG. NO.	SHAFT EXTENSION						BEARING			EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
112M	2	28	60	50	8	24	31	M10X22	6306ZZC3	6306ZZC3	rubber sheath cable or M30x2 or NPT1"	Ø13~Ø22
132S		38	80	70	10	33	41	M12X28	6308ZZC3	6306ZZC3		
132M												
160M	3	42	110	100	12	37	45	M16X36	6309C3	6307C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
160L												

Note: 1. Tolerance of Shaft End Diameter D: 1) F#112 M: j6.
2. Tolerance of N: j6 .

2) F#132S~160L : k6.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： V1 (IM 3011)

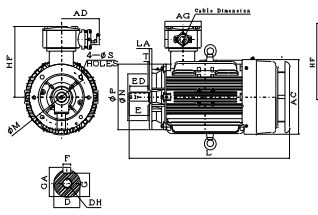


FIG.4

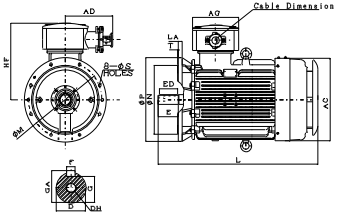


FIG.5

Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P	SIZE	LA	M	N	P	S	T					
22	18.5	—	—	180M	16	300	250	350	18.5	5	400	377	209	202	864
—	22	15	11	180L											
30	30	18.5	15	200L	17	350	300	400			448	422	256	235	968
37		22													
—	37	—	18.5	225M	20	400	350	450			498	447			(976) 1006
45	45	30	22												

FRAME SIZE	FIG. NO.	SHAFT EXTENSION						BEARING			EXPORT WIRE	THE RANGE of
		D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	SIZE of CABLE GLAND BODY	outer DIAMETER of INLET CABLE
180M	4	48	110	110	14	42.5	51.5	M16X36	6311C3	6310C3	rubber sheath cable or M36x2 or NPT 1.25"	Ø13~Ø28
180L												
200L		55			16	49	59	M20X42	6312C3	6212C3	rubber sheath cable or M48x2 or NPT 1.5" or NPT 2"	Ø19~ Ø37
225M	5	(55) 60	(110) 140	(100) 125	(16) 18	(49) 53	(59) 64	M20X42	(6312C3) 6313C3	(6212C3) 6213C3		

Note: 1. Tolerance of Shaft End Diameter D: 1) F#180 M: j6.
2. Tolerance of N: j6 .

2) F#200L~225M : m6.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： V1 (IM 3011)

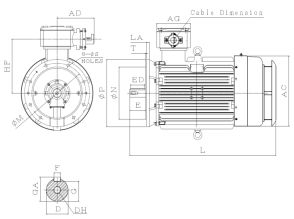


FIG.6

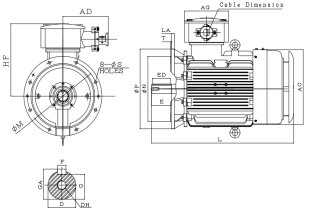


FIG.7

Dimensions in mm

Output (kW)					FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P		SIZE	LA	M	N	P	S	T					
55	55	37	30		250M	22	500	450	550	18.5	5	542	500	320	310	1080
75	75	45	37		280S							630	530			1261
90	90	55	45		280M											1301
110	110	75	55		315S	25	600	550	660	24	6	686	643	370	380	(1484) 1514
132	132	90	75		315M											(1584) 1614

FRAME SIZE	FIG. NO.	SHAFT EXTENSION D	E	ED	F	G	GA	BEARING DH	DRIVE END	OPPOSITE DRIVE END	EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
250M	6	(60) 65	140	125	18	(53) 58	(64) 69	M20X42	(6313C3) 6315C3	(6313C3) 6313C3	rubber sheath cable or M64X2 or NPT 2.5"	Ø24~Ø40
280S		(65) 75			(18) 20	(58) 67.5	(69) 79.5	M20X40	(6314C3) 6318C3	(6314C3) 6316C3		
280M												
315S	7	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85		(6316C3) 6320C3	(6314C3) 6326C3	rubber sheath cable or M64x2 or M63X1.5 or NPT 2.5"	Ø38~Ø58
315M									(6316C3) 6320C3	(7314C3) 7326C3		

Note: 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of N: 1)Fr#250M~280M:j6. 2)Fr#315S~315M:js6.3.
No. In ( ) is for 2P.

外形图 Outline

TEB5

外形及安装尺寸图

安装方式： V1 (IM 3011)

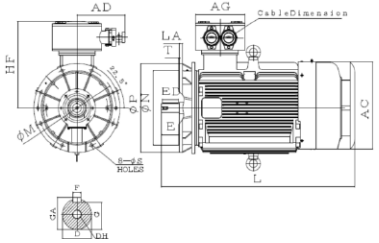


FIG.8

Dimensions in mm

Output (kW)					FRAME	FLANGE DIMENSION						AC	HF	AD	AG	L
2P	4P	6P	8P		SIZE	LA	M	N	P	S	T					
160	160	110	90		315L	25	600	550	660	24	6	686	643	370	380	(1584) 1614
185	185	132	110													
200	200	—	—													
220	220	160	132		355M	30	740	680	800			750	670			(1720) 1750
250	250	200	160													
280	280	220	185		355L											(1770) 1800
315	315	250	200													

FRAME SIZE	FIG. NO.	SHAFT EXTENSION D	E	ED	F	G	GA	BEARING DH	DRIVE END	OPPOSITE DRIVE END	EXPORT WIRE SIZE of CABLE GLAND BODY	THE RANGE of outer DIAMETER of INLET CABLE
315L	8	(65) 80	(140) 170	(125) 160	(18) 22	(58) 71	(69) 85	M20X40	(6316C3) 6320C3	(7314B) 7316B	rubber sheath cable or M64x2 or M63X1.5 or NPT 2.5"	Ø38~Ø58
355M		(75) 95			(20) 25	(67.5) 86	(79.5) 100	(M20X40) M24X48	(6317C3) 6322C3	(7317B) 7322B		
355L												

Note: 1. Tolerance of Shaft End Diameter D: m6.
2. Tolerance of N: js6 .
3. No . In ( ) is for 2P.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEBD

380V 50Hz
GB18613-2020 GB3 (IE3)
2极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg·m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg·m²	SOUND PRESSURE NO-LOAD dB(A)	Weight 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	69	18.5
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	69	20.0
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	69	26.5
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	69	29.0
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	73	41.0
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	73	51.0
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	75	70.5
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	75	72.5
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	77	127
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	77	127
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	77	137
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	78	175
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	79	258
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	79	293
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	81	319
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	81	437
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	83	543
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	83	606
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	86	799
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	86	842
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	86	921
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	86	1186
250	335	2975	355M	95.8	95.5	94.6	90.5	89.0	84.0	438	780	81.89	140	115	260	8.800	87	1385
315	420	2975	355L	95.8	95.5	94.8	91.0	89.0	84.0	549	780	103.2	140	115	260	10.40	87	1535
355	475	2975	355C	95.8	95.5	94.6	91.0	90.5	85.5	619	840	116.3	120	120	260	16.00	87	2200
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	87	2550

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEBD

380V 50Hz
GB18613-2020 GB3 (IE3)
4极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg·m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg·m²	SOUND PRESSURE NO-LOAD dB(A)	Weight Kg
0.55	0.75	1430	80M	80.8	81.5	79.5	75.0	65	51.0	1.38	640	0.375	300	270	320	0.010	57	15.5
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	57	18.5
1.1	1.5	1430	90S	84.1	84.4	83.2	79.5	71.5	57.5	2.50	720	0.748	255	205	290	0.019	57	26.5
1.5	2	1435	90L	85.3	84.1	82.2	75.0	65.5	51.5	3.56	760	1.017	300	235	335	0.023	57	28.0
2.2	3	1460	100L	86.7	87.2	86.2	77.5	70.5	58.0	4.97	805	1.469	220	185	285	0.044	61	43.0
3	4	1450	100L	87.7	88.3	88.1	81.0	75.0	63.5	6.42	745	2.016	190	180	280	0.048	61	45.0
4	5.5	1445	112M	88.6	88.4	87.9	82.0	76.5	65.5	8.37	715	2.693	245	205	280	0.083	62	54.0
5.5	7.5	1455	132S	89.6	90.4	90.3	85.0	80.5	70.0	11.0	735	3.678	245	200	300	0.132	65	71.5
7.5	10	1450	132M	90.4	90.8	90.4	85.0	80.0	69.5	14.8	780	5.033	270	225	330	0.172	65	82.5
11	15	1460	160M	91.4	92.0	91.5	85.0	81.0	71.0	21.5	775	7.331	230	185	270	0.366	67	127
15	20	1460	160L	92.1	92.5	92.5	85.0	81.5	71.4	29.1	810	9.997	250	195	285	0.460	67	146
18.5	25	1475	180M	92.6	94.0	93.0	85.0	82.4	75.0	35.7	790	12.20	215	160	255	0.704	70	190
22	30	1475	180L	93.0	93.5	93.0	85.0	81.9	74.1	42.3	785	14.51	190	145	245	0.789	70	201
30	40	1470	200L	93.6	94.5	94.5	86.0	84.5	77.0	56.6	830	19.86	250	205	280	1.451	72	278
37	50	1480	225S	93.9	94.5	94.0	85.5	82.0	73.0	70.0	760	24.33	210	175	300	1.896	73	333
45	60	1480	225M	94.2	94.5	94.0	85.0	80.0	70.4	85.4	735	29.58	210	175	290	1.979	73	339
55	75	1485	250M	94.6	94.6	94.0	87.5	84.5	77.0	101	780	36.04	210	185	265	3.911	74	452
75	100	1480	280S	95.0	95.0	94.5	85.0	82.0	73.0	141	770	49.38	160	150	300	5.033	77	582
90	125	1480	280M	95.2	95.2	94.7	85.0	81.0	71.3	169	780	59.26	175	165	300	6.112	77	650
110	150	1480	315S	95.4	95.2	94.8	88.0	86.5	80.5	199	780	72.43	210	180	270	7.600	82	902
132	175	1485	315M	95.6	95.5	94.8	87.5	85.0	78.0	240	700	86.62	180	170	230	10.40	82	929
160	215	1482	315L	95.8	95.6	94.8	88.0	86.0	81.0	288	780	105.2	180	170	230	11.60	82	1065
200	270	1485	315L	96.0	95.6	95.2	88.0	87.0	84.5	360	780	131.2	180	170	230	14.00	82	1225
250	335	1485	355M	96.0	95.8	95.3	87.0	84.5	77.5	455	740	164.1	180	170	230	27.60	82	1535
315	420	1487	355L	96.0	95.8	95.3	87.0	84.5	77.5	573	740	206.4	180	170	260	31.20	82	1735
355	475	1485	355C	96.0	95.8	95.3	89.0	87.5	81.0	631	780	233.0	200	180	280	35.60	82	2350
400	540	1487	355C	96.0	95.8	95.3	89.5	88.0	83.0	707	780	262.1	200	180	260	42.80	82	2630

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEBD

380V 50Hz
GB18613-2020 GB3 (IE3)
6极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND PRESSURE	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD^2 kg-m^2	NO-LOAD dB(A)	Weight Kg
0.55	0.75	905	80M	77.2	69.9	66.4	69.0	58.0	44.5	1.57	420	0.591	210	195	225	0.015	54	17.5
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	54	28.0
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	54	31.0
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	55	43.0
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	60	53.5
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	63	71.5
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	63	86.0
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	63	87.0
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	63	132
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	63	146
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	67	201
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	69	263
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	69	283
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	69	364
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	71	432
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	74	524
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	74	583
75	100	985	315S	94.6	94.5	93.7	84.5	81.0	71.0	143	700	74.20	200	180	280	9.600	77	837
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	77	896
110	150	985	315L	95.1	95.0	94.2	85.0	83.0	75.5	207	667	108.8	200	180	250	18.40	77	1030
132	175	985	315L	95.4	95.3	94.3	85.0	82.5	75.0	247	760	130.6	200	180	250	20.40	77	1215
160	215	988	355M	95.6	95.4	94.6	85.0	81.0	70.0	299	760	157.8	160	140	260	31.60	81	1424
200	270	988	355M	95.8	95.6	94.8	85.0	81.0	69.0	373	760	197.3	180	160	270	39.20	81	1674
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	81	2100
315	420	990	355C	95.8	95.8	95.4	87.0	85.0	78.0	574	720	310.1	180	160	270	57.20	81	2450
355	475	990	355C	95.8	95.8	95.4	87.0	85.0	74.0	647	720	349.4	180	160	270	64.80	81	2800

NOTE:
1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
   Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model：TEBD

380V 50Hz
GB18613-2020 GB3 (IE3)
8极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND PRESSURE	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD^2 kg-m^2	NO-LOAD dB(A)	Weight Kg
0.18	0.25	705	80M	58.7	58.5	51.0	48.0	40.0	32.0	0.97	330	0.249	250	200	280	0.013	54	17.0
0.25	0.33	680	80M	64.1	63.0	58.0	60.0	50.0	39.0	0.99	300	0.358	200	170	200	0.014	54	19.0
0.37	0.5	705	90S	69.3	69.0	67.0	59.0	49.0	38.0	1.37	390	0.511	190	170	220	0.017	54	21.0
0.55	0.75	705	90L	73.0	71.5	68.9	63.5	53.0	42.5	1.80	400	0.760	170	150	220	0.025	54	24.6
0.75	1	700	100L	75.0	74.7	70.9	60.5	51.0	39.0	2.51	430	1.044	225	215	235	0.041	55	31.0
1.1	1.5	695	100L	77.7	78.8	76.8	66.0	57.0	44.0	3.26	435	1.540	200	190	210	0.059	55	38.0
1.5	2	700	112M	79.7	80.2	79.1	69.5	61.0	48.0	4.11	465	2.085	165	140	205	0.090	60	50.0
2.2	3	705	132S	81.9	82.2	79.8	69.0	60.0	46.5	5.92	555	3.036	230	205	265	0.138	61	62.0
3	4	715	132M	83.5	83.2	80.1	63.0	53.5	40.5	8.66	570	4.083	280	250	325	0.180	61	68.0
4	5.5	720	160M	84.8	84.7	82.5	70.5	62.0	48.5	10.2	590	5.406	190	170	250	0.343	62	106
5.5	7.5	720	160M	86.2	85.2	83.3	71.5	63.0	50.0	13.6	605	7.433	200	185	275	0.503	62	125
7.5	10	720	160L	87.3	87.3	85.8	71.0	64.5	51.0	18.4	595	10.14	225	215	295	0.670	62	144
11	15	720	180L	88.6	88.6	88.1	78.0	73.0	62.0	24.2	565	14.87	170	150	210	1.273	66	187
15	20	730	200L	89.6	88.9	87.5	78.0	72.0	60.0	32.6	600	19.99	195	170	230	2.082	68	266
18.5	25	735	225S	90.1	90.6	89.6	72.0	65.5	58.0	43.3	535	24.49	210	185	235	2.675	68	300
22	30	735	225M	90.6	90.6	90.6	74.5	69.0	63.0	49.5	510	29.12	210	170	215	3.023	68	340
30	40	735	250M	91.3	91.3	91.3	74.5	68.0	58.0	67.0	550	39.71	210	170	245	4.565	69	419
37	50	735	280S	91.8	92.3	91.3	78.0	73.4	63.2	78.5	575	48.98	135	130	230	6.277	71	526
45	60	735	280M	92.2	92.7	92.2	76.0	71.5	61.0	97.6	585	59.57	140	130	220	7.726	71	597
55	75	735	315S	92.5	92.5	91.8	80.5	75.1	64.1	112.2	620	72.85	140	130	220	9.200	76	711
75	100	738	315M	93.1	93.1	92.5	79.0	74.8	63.0	154.9	550	98.93	160	150	225	10.80	76	850
90	125	738	315L	93.4	93.4	92.8	79.5	75.5	65.0	184.2	590	118.72	170	160	240	25.60	76	1026
110	150	738	315L	93.7	93.8	93.4	79.5	76.0	65.5	224.4	650	145.10	160	150	230	28.80	76	1056
132	175	738	355M	94.0	93.9	93.0	80.0	76.3	66.2	266.7	650	174.12	135	120	240	34.00	79	1455
160	215	738	355M	94.3	94.3	93.5	80.5	77.4	68.5	320.2	640	211.06	130	120	200	40.80	79	1565
200	270	738	355L	94.6	94.5	93.8	81.0	78.0	69.0	396.6	650	263.82	130	120	230	51.60	79	1675
250	335	738	355C	94.6	94.9	94.5	82.0	78.0	67.0	489.7	750	329.78	180	160	280	72.40	79	2580

NOTE:
1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
   Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B3（IM 1001）

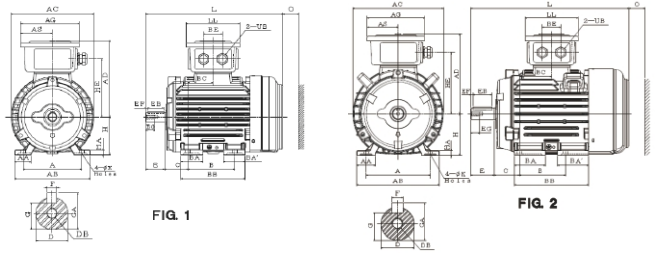


FIG. 1

FIG. 2

Dimensions in mm

Output (kW)				FRAME	FIG.	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	SIZE	NO.																	
0.75 1.1	0.55 0.75	— 0.55	0.18 0.25	80M	1	125	34.5	161	177	163	125	67.5	100	46	46	137	53.5	40	50	80	10	123.5
1.5	1.1	0.75	0.37	90S	2	140	40	180	197	173	125	67.5	100	67.5	67.5	161	69.5	40	56	90	10	133.5
2.2	1.5	1.1	0.55	90L		140	40	180	197	173	125	67.5	125	60.5	60.5	171	74.5	40	56	90	10	133.5
3	2.2	1.5	0.75	100L		160	40	200	219	188	147	78.5	140	66.5	66.5	181	72.5	50	63	100	12	147
—	3	—	1.1																			
4	4	2.2	1.5	112M		190	45	235	235	200.5	147	78.5	140	65.5	65.5	186	75	50	70	112	13	159.5

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
80M	10	293	115	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	10	344.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	10	354.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
100L	12	392	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ
112M	12	413	125	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 height H : +0,-0.5.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B3（IM 1001）

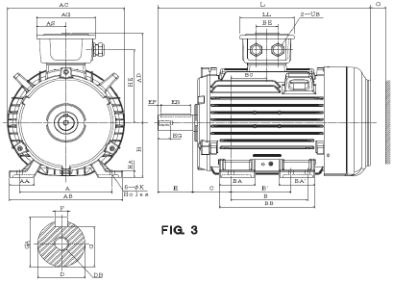


FIG. 3

Dimensions in mm

Output (kW)				FRAME	FIG.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	SIZE	NO.																		
5.5	5.5	3	2.2	132S	3	216	57	263	273	218	147	78.5	140	---	65	64	184	65	50	89	132	16	177
7.5	—	—	—																				
—	7.5	4	3	132M		216	57	263	273	218	147	78.5	178	140	83.5	83.5	222	84	50	89	132	16	177
—	—	5.5	—																				

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
132S	12	456	125	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ
132M	12	494	125	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.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B3（IM 1001）

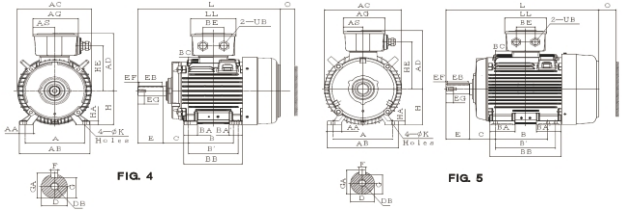


FIG. 4　FIG. 5

Dimensions in mm

Output (kW)				FRAME	FIG.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	SIZE	NO.																		
11	11	7.5	4	160M	4	254	60	300	317	270	193	91.5	210	—	57	57	250	105	89	108	160	18	211.5
15	—	—	5.5																				
18.5	15	11	7.5	160L		254	60	300	317	270	193	91.5	254	210	97	97	294	127	89	108	160	18	211.5
22	18.5	—	—	180M	5	279	65	330	354	296	193	91.5	241	—	65	65	292	120.5	89	121	180	20	237.5
—	22	15	11	180L		279	65	330	354	296	193	91.5	279	241	115	115	330	139.5	89	121	180	20	237.5

FRAME	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
160M	14.5	606	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
160L	14.5	650	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
180M	14.5	671	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3)	(6310ZZC3)
180L	14.5	709	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311ZZ	6310ZZ

Note：1. Tolerance of shaft end diameter D : ψ42 : k6.
2. Tolerance of shaft center high H : +0, -0.5.
3. Bearing No . In (　) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B3（IM 1001）

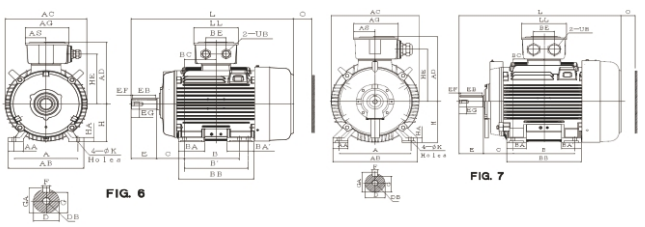


FIG. 6　FIG. 7

Dimensions in mm

Output (kW)				FRAME	FIG.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BE	BC	C	H	HA	HE
2P	4P	6P	8P	SIZE	NO.																		
30 37	30	18.5	15	200L	6	318	70	378	398	329	231	110.5	305	—	82	82	353	106	152.5	133	200	24	259
—	37	—	18.5	225SC		356	75	431	449	355	231	110.5	286	—	98.5	98.5	371	106	143	149	225	28	285
45	—	—	—	225MA		356	75	431	449	355	231	110.5	311	286	110	110	396	106	155.5	149	225	28	285
—	45	30	22	225MC		356	75	431	449	355	231	110.5	311	286	110	110	396	106	155.5	149	225	28	285
55	—	—	—	250MA	7	406	85	480	499	397	255	122.5	349	—	112.5	112.5	425	119	174.5	168	250	30	318.5
—	55	37	30	250MC		406	85	480	499	397	255	122.5	349	—	112.5	112.5	425	119	174.5	168	250	30	318.5

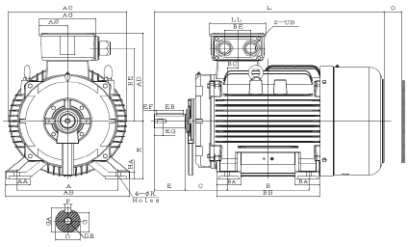
FRAME	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
200L	18.5	770	231	80	M50X.15	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6312ZZ	(6212ZZC3) 6212ZZ
225SC	18.5	815	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)
225MA	18.5	810	231	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ
225MC	18.5	840	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
250MA	24	919.5	255	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	24	919.5	255	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

Note：1. Tolerance of shaft end diameter D : m6.
2. Tolerance of shaft center high H : +0, -0.5.
3. Bearing No . In (　) is for 2P.

外形图 Outline

外形及安装尺寸图

安装方式：B3（IM 1001）



Dimensions in mm

Output (kW)				FRAME	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	SIZE																	
75	---	---	---	280SA	457	110	560	546	433	255	122.5	368	110	110	455	47.5	119	190	280	35	354.5
---	75	45	37	280SB	457	110	560	546	433	255	122.5	368	110	110	455	47.5	119	190	280	35	354.5
90	---	---	---	280MA	457	110	560	546	433	255	122.5	419	115	115	505	48	119	190	280	35	354.5
---	90	55	45	280MB	457	110	560	546	433	255	122.5	419	115	115	505	48	119	190	280	35	354.5

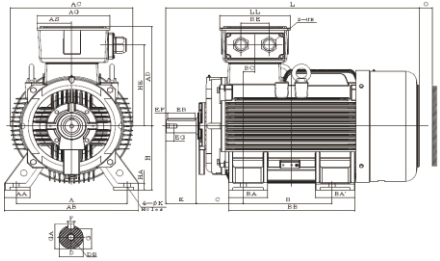
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	24	1038.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280SB	24	1038.5	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	24	1088.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280MB	24	1088.5	255	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

外形图 Outline

外形及安装尺寸图

安装方式：B3（IM 1001）



Dimensions in mm

Output (kW)				FRAME	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	SIZE																	
110	---	---	---	315SA	508	115	615	570	490	336	163	406	180	180	580	53	140	216	315	35	395
---	110	75	55	315SB	508	115	615	570	490	336	163	406	180	180	580	53	140	216	315	35	395

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315SA	28	1162.5	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	28	1192.5	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

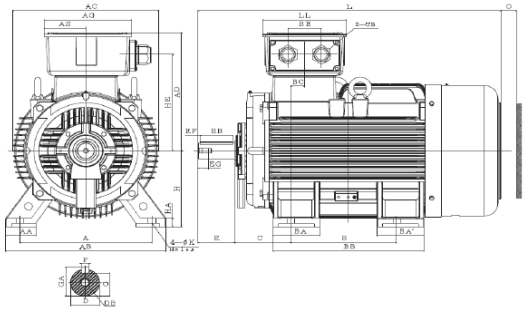
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Shaft Center Height H : +0, -1
3. Tolerance of Key Width F : h9

外形图 Outline

TECO TEBD

外形及安装尺寸图

安装方式：B3（IM 1001）



Dimensions in mm

Output (kW)				FRAME	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	SIZE																	
132	---	---	---	315MA	508	115	630	620	515	336	163	457	230	230	640	53	140	216	315	45	420
---	132	90	75	315MB	508	115	630	620	515	336	163	457	230	230	640	53	140	216	315	45	420

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315MA	28	1246	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315MB	28	1276	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

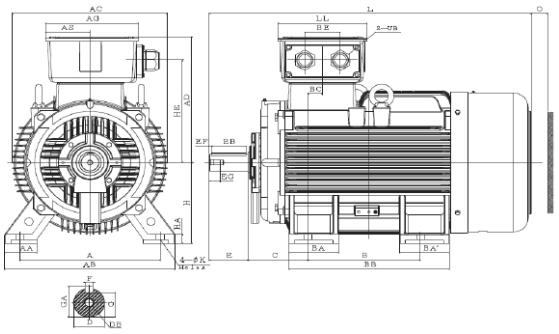
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Shaft Center Height H : +0, -1
3. Tolerance of Key Width F : h9

外形图 Outline

TECO TEBD

外形及安装尺寸图

安装方式：B3（IM 1001）



Dimensions in mm

Output (kW)				FRAME	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	SIZE																	
160 200	---	---	---	315LA	508	130	630	620	515	336	163	508	230	230	740	53	140	216	315	45	420
---	160 200	110 132	90 110	315LB	508	130	630	620	515	336	163	508	230	230	740	53	140	216	315	45	420

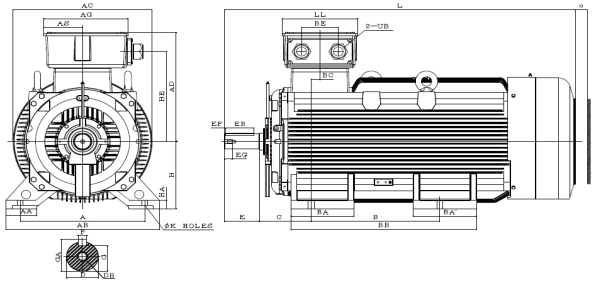
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315LA	28	1346	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315LB	28	1376	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

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

外形图 Outline

外形及安装尺寸图

安装方式：B5（IM 1001）



Dimensions in mm

Output (kW)				FRAME	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA
2P	4P	6P	8P	SIZE																
250	---	---	---	355MA	610	150	750	682	585	412	189	560	310	310	910	43	180	254	355	45
---	250	160 200	132 160	355MB	610	150	750	682	585	412	189	560	310	310	910	43	180	254	355	45

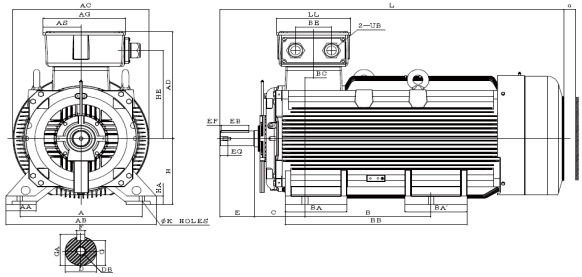
FRAME SIZE	HE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355MA	480	28	1687	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355MB	480	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

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

外形图 Outline

外形及安装尺寸图

安装方式：B5（IM 1001）



Dimensions in mm

Output (kW)				FRAME	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA
2P	4P	6P	8P	SIZE																
315	---	---	---	355LA	610	150	750	682	585	412	189	630	310	310	910	43	180	254	355	45
---	315	250	200	355LB	610	150	750	682	585	412	189	630	310	310	910	43	180	254	355	45

FRAME SIZE	HE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355LA	480	28	1687	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355LB	480	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

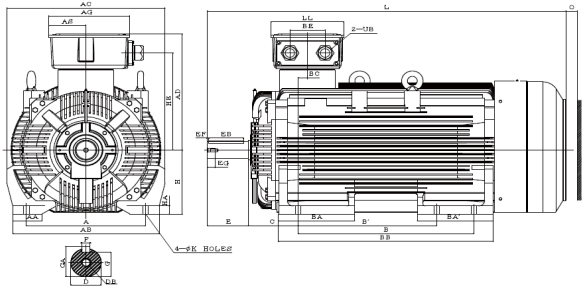
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Shaft Center Height H : +0, -1
3. Tolerance of Key Width F : h9

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B3（IM 1001）



Dimensions in mm

Output (kW)				FRAME	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	SIZE																		
355 400	---	---	---	355CA	610	150	750	810	645	412	189	900	710	390	390	1100	48	180	254	355	45	540
---	355 400	315 355	250	355CB	610	150	750	810	645	412	189	900	710	390	390	1100	48	180	254	355	45	540

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355CA	28	1765	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355CB	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

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B5（IM 3001）

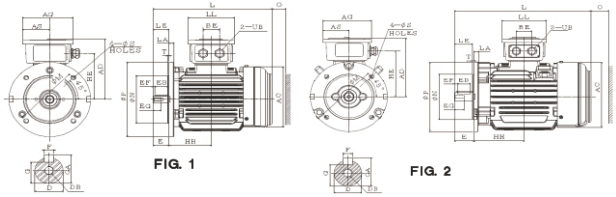


FIG. 1

FIG. 2

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T								
0.75	0.55	---	0.18	80M	1	12	40	165	130	200	12	3.5	177	163	125	67.5	40	123.5	103.5	293
1.1	0.75	0.55	0.25																	
1.5	1.1	0.75	0.37	90S	2	12	50	165	130	200	12	3.5	197	173	125	67.5	40	133.5	125.5	344.5
2.2	1.5	1.1	0.55	90L		12	50	165	130	200	12	3.5	197	173	125	67.5	40	133.5	130.5	354.5

FRAME SIZE	LL	O	UB	SHAFT EXTENSION								BEARING	
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
80M	115	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	115	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.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B5（IM 3001）

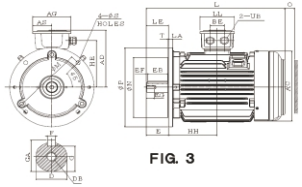


FIG. 3

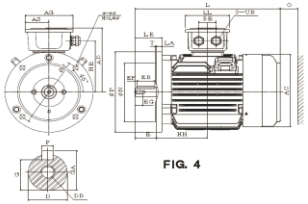


FIG. 4

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T										
3	2.2	1.5	0.75	100L	3	16	60	215	180	250	14.5	4	219	188	147	78.5	50	147	135.5	392	125	50
—	3	---	1.1																			
4	4	2.2	1.5	112M	4	15	60	215	180	250	14.5	4	235	200.5	147	78.5	50	159.5	145	413	125	50
5.5	5.5	3	2.2	132S	3	16	80	265	230	300	14.5	4	273	218	147	78.5	50	177	154	456	125	50
7.5	---	---	—																			
—	7.5	4	3	132M		16	80	265	230	300	14.5	4	273	218	147	78.5	50	177	173	494	125	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 : ψ28 : j6 , ψ38:k6 .
2. Tolerance of N : j6.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B5（IM 3001）

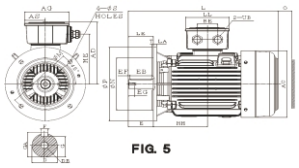


FIG. 5

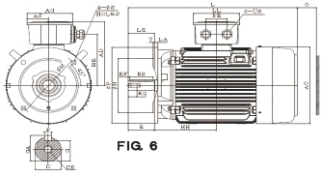


FIG. 6

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T										
11 15	11	7.5	4 5.5	160M	5	15	110	300	250	350	18.5	5	317	270	193	91.5	89	211.5	213	606	193	60
18.5	15	11	7.5	160L		15	110	300	250	350	18.5	5	317	270	193	91.5	89	211.5	235	650	193	60
22	18.5	---	—	180M	6	15	110	300	250	350	18.5	5	354	296	193	91.5	89	237.5	241.5	671	193	70
—	22	15	11	180L		15	110	300	250	350	18.5	5	354	296	193	91.5	89	237.5	260.5	709	193	70
30 37	30	18.5 22	15	200L		17	110	350	300	400	18.5	5	398	329	231	110.5	106	259	291.5	770	231	80

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	12	37	45	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) 6312ZZ	(6212ZZC3) 6212ZZ

Note : 1. Tolerance of shaft end diameter D : a) .ψ42 ~ψ48 : k6 ; b) .ψ55 : m6.
2. Tolerance of N : j6
3. Bearing No . In ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B5（IM 3001）

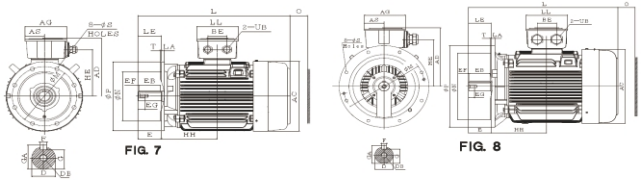


FIG. 7　FIG. 8

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T								
—	37	—	18.5	225SC	7	20	140	400	350	450	18.5	5	449	355	231	110.5	106	285	292	815
45	—	—	—	225MA		20	110	400	350	450	18.5	5	449	355	231	110.5	106	285	304.5	810
—	45	30	22	225MC		20	140	400	350	450	18.5	5	449	355	231	110.5	106	285	304.5	840
55	—	—	—	250MA	8	22	140	500	450	550	18.5	5	499	397	255	122.5	119	318.5	342.5	919.5
—	55	37	30	250MC		22	140	500	450	550	18.5	5	499	397	255	122.5	119	318.5	342.5	919.5

FRAME SIZE	LL	O	UB	SHAFT EXTENSION								BEARING	
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
225SC	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)
225MA	231	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ
225MC	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
250MA	255	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	255	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

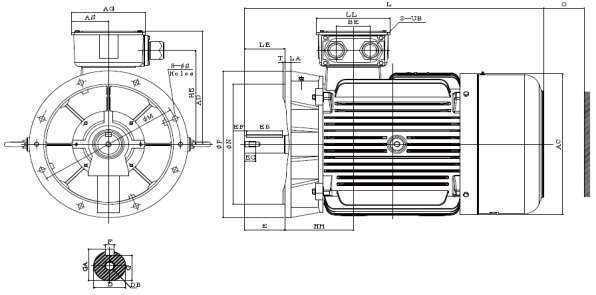
Note：1. Tolerance of shaft end diameter D：m6.
2. Tolerance of N：j6.
3. Bearing No. In（ ）is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B5（IM 3001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T								
75	---	---	---	280SA	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	237.5	1038.5
---	75	45	37	280SB	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	237.5	1038.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	238	1088.5
---	90	55	45	280MB	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	238	1088.5

FRAME SIZE	LL	O	UB	SHAFT EXTENSION								BEARING	
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280SB	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280MB	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

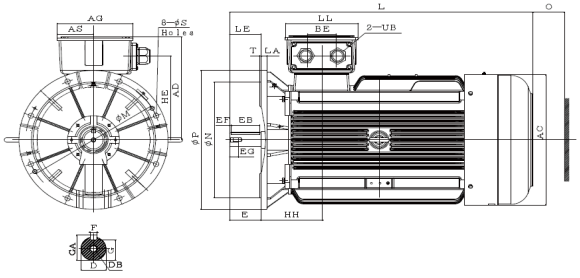
Note：1. Tolerance of Shaft End Diameter D：m6
2. Tolerance of Key Width F：h9
3. Tolerance of N：j6

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B5（IM 3001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T										
110	---	---	---	315SA	25	140	600	550	660	24	6	570	490	336	163	140	395	269	1162.5	322	180
---	110	75	55	315SB	25	170	600	550	660	24	6	570	490	336	163	140	395	269	1192.5	322	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	6314C3
315SB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

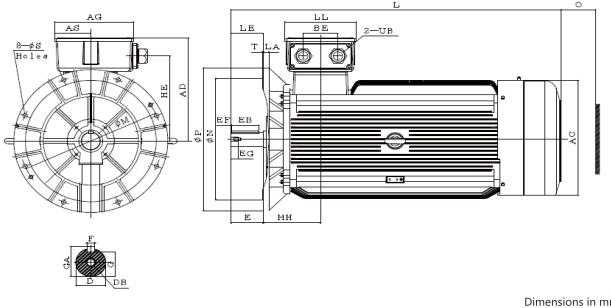
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of N : j6

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B5（IM 3001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL	O
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T										
132	---	---	---	315MA	25	140	600	550	660	24	6	620	515	336	163	140	420	269	1246	322	180
---	132	90	75	315MB	25	170	600	550	660	24	6	620	515	336	163	140	420	269	1276	322	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	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 : j6

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）

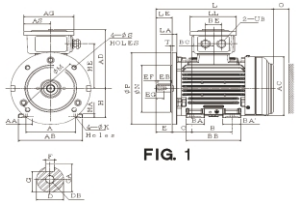


FIG. 1

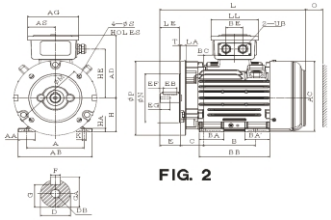


FIG. 2

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T														
0.75	0.55	—	0.18	80M	1	12	40	165	130	200	12	3.5	125	34.5	161	177	163	125	67.5	100	46	46	137	53.5	40	50
1.1	0.75	0.55	0.25																							
1.5	1.1	0.75	0.37	90S	2	12	50	165	130	200	12	3.5	140	40	180	197	173	125	67.5	100	67.5	67.5	161	69.5	40	56
2.2	1.5	1.1	0.55	90L		12	50	165	130	200	12	3.5	140	40	180	197	173	125	67.5	125	60.5	60.5	171	74.5	40	56

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
80M	80	10	123.5	10	293	115	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	90	10	133.5	10	344.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	90	10	133.5	10	354.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ

Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of shaft center high H : +0, -0.5.
3. Tolerance of N : j6.

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）

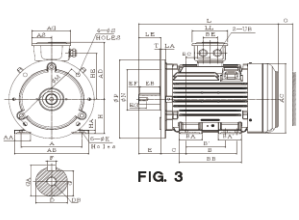


FIG. 3

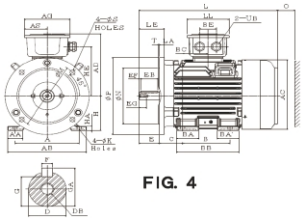


FIG. 4

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T														
3	2.2	1.5	0.75	100L	3	16	60	215	180	250	14.5	4	160	40	200	219	188	147	78.5	140	—	66.5	66.5	181	72.5	50
—	3	—	1.1																							
4	4	2.2	1.5	112M	4	15	60	215	180	250	14.5	4	190	45	235	235	200.5	147	78.5	140	—	65.5	65.5	186	75	50
5.5	5.5	3	2.2	132S	3	16	80	265	230	300	14.5	4	216	57	263	273	218	147	78.5	140	—	65	64	184	65	50
7.5	—	—	—																							
—	7.5	4	3	132M		16	80	265	230	300	14.5	4	216	57	263	273	218	147	78.5	178	140	83.5	83.5	222	84	50
—	—	5.5	—																							

FRAME SIZE	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
100L	63	100	12	147	12	392	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ
112M	70	112	13	159.5	12	413	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ
132S	89	132	16	177	12	456	125	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ
132M	89	132	16	177	12	494	125	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ

Note : 1. Tolerance of shaft end diameter D : ψ28 : j6 , ψ38:k6 .
2. Tolerance of shaft center high H : +0, -0.5.
3. Tolerance of N : j6.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B35（IM 2001）

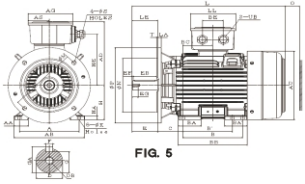


FIG. 5

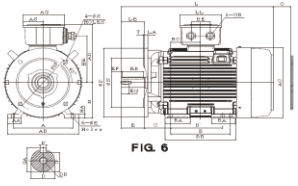


FIG. 6

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T													
11 10	11	7.5	4 5.5	160M	5	15	110	300	250	350	18.5	5	254	60	300	317	270	193	91.5	210	—	57	57	250	105
18.5	15	11	7.5	160L		15	110	300	250	350	18.5	5	254	60	300	317	270	193	91.5	254	210	97	97	294	127
22	18.5	—	—	180M	6	15	110	300	250	350	18.5	5	279	65	330	354	296	193	91.5	241	—	65	65	292	120.5
—	22	15	11	180L		15	110	300	250	350	18.5	5	279	65	330	354	296	193	91.5	279	241	115	115	330	139.5
30 37	30	18.5 22	15	200L		17	110	350	300	400	18.5	5	318	70	378	398	329	231	110.5	305	—	82	82	353	152.5

FRAME SIZE	BE	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	89	108	160	18	211.5	14.5	606	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
160L	89	108	160	18	211.5	14.5	650	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
180M	89	121	180	20	237.5	14.5	671	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3)	(6310ZZC3)
180L	89	121	180	20	237.5	14.5	709	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311ZZ	6310ZZ
200L	106	133	200	24	259	18.5	770	231	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) .ψ42 ~ψ48 : k6 ; b) .ψ55 : m6.
2. Tolerance of shaft center high H : +0, -0.5.
3. Tolerance of N : j6.
4. Bearing No . In ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：B35（IM 2001）

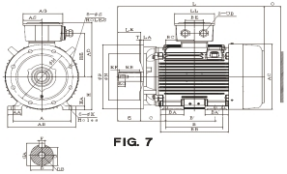


FIG. 7

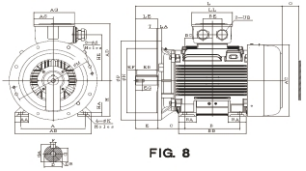


FIG. 8

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T													
—	37	—	18.5	225SC	7	20	140	400	350	450	18.5	5	356	75	431	449	355	231	110.5	286	—	98.5	98.5	371	143
45	—	—	—	225MA		20	110	400	350	450	18.5	5	356	75	431	449	355	231	110.5	311	286	110	110	396	155.5
—	45	30	22	225MC		20	140	400	350	450	18.5	5	356	75	431	449	355	231	110.5	311	286	110	110	396	155.5
55	—	—	—	250MA	8	22	140	500	450	550	18.5	5	406	85	480	499	397	255	122.5	349	—	112.5	112.5	425	174.5
—	55	37	30	250MC		22	140	500	450	550	18.5	5	406	85	480	499	397	255	122.5	349	—	112.5	112.5	425	174.5

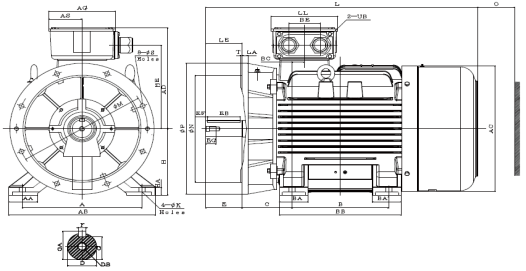
FRAME SIZE	BE	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING	
											D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
225SC	106	149	225	28	285	18.5	815	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)
225MA	106	149	225	28	285	18.5	810	231	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ
225MC	106	149	225	28	285	18.5	840	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
250MA	119	168	250	30	318.5	24	919.5	255	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	119	168	250	30	318.5	24	919.5	255	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

Note : 1. Tolerance of shaft end diameter D : m6.
2. Tolerance of shaft center high H : +0, -0.5.
3. Tolerance of N : j6.
4. Bearing No . In ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T												
75	—	—	—	280SA	22	140	500	450	550	18.5	5	457	110	560	546	433	255	122.5	368	110	110	455	47.5	119
—	75	45	37	280SB	22	140	500	450	550	18.5	5	457	110	560	546	433	255	122.5	368	110	110	455	47.5	119
90	—	—	—	280MA	22	140	500	450	550	18.5	5	457	110	560	546	433	255	122.5	419	115	115	505	48	119
—	90	55	45	280MB	22	140	500	450	550	18.5	5	457	110	560	546	433	255	122.5	419	115	115	505	48	119

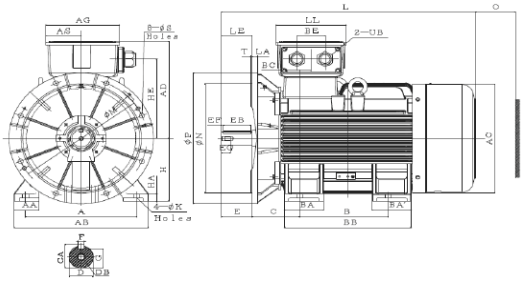
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
										D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	190	280	35	354.5	24	1038.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280SB	190	280	35	354.5	24	1038.5	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	190	280	35	354.5	24	1088.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280MB	190	280	35	354.5	24	1088.5	255	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

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T												
110	—	—	—	315SA	25	140	600	550	660	24	6	508	115	615	570	490	336	163	406	180	180	580	53	140
—	110	75	55	315SB	25	170	600	550	660	24	6	508	115	615	570	490	336	163	406	180	180	580	53	140

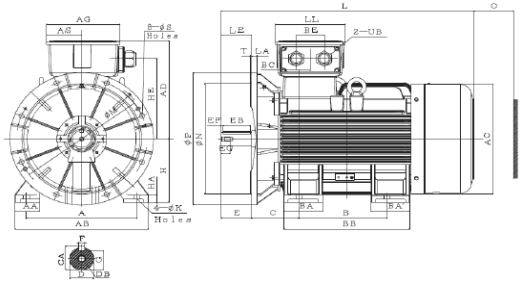
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
										D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315SA	216	315	35	395	28	1162.5	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	216	315	35	395	28	1192.5	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	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 : j6

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T													
132	—	—	—	315MA	25	140	600	550	660	24	6	508	115	630	620	515	336	163	457	230	230	640	53	140
—	132	90	75	315MB	25	170	600	550	660	24	6	508	115	630	620	515	336	163	457	230	230	640	53	140

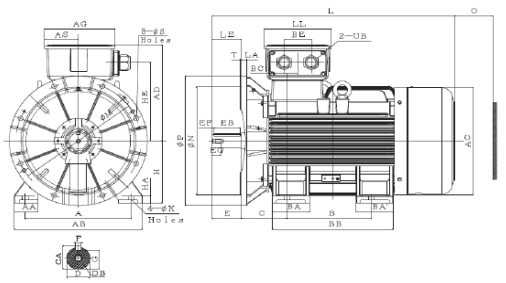
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING	
										D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315MA	216	315	45	420	28	1246	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315MB	216	315	45	420	28	1276	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

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 : j6

外形图 Outline

外形及安装尺寸图

安装方式：B35（IM 2001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T													
160 200	—	—	—	315LA	25	140	600	550	660	24	6	508	130	630	620	515	336	163	508	230	230	740	53	140
—	160 200	110 132	90 110	315LB	25	170	600	550	660	24	6	508	130	630	620	515	336	163	508	230	230	740	53	140

FRAME SIZE	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
315LA	216	315	45	420	28	1346	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315LB	216	315	45	420	28	1376	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

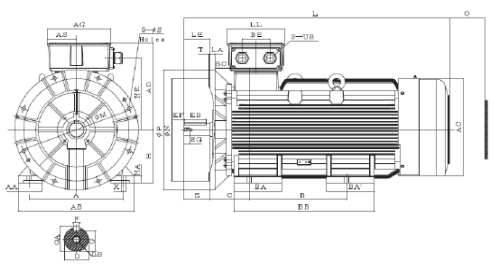
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of Shaft Center Height H : +0, -1
4. Tolerance of N : j6

外形图 Outline

TECO TEBD

外形及安装尺寸图

安装方式：B35（IM 2001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T													
250	—	—	—	355MA	30	140	740	680	800	24	6	610	150	750	682	585	412	189	560	310	310	910	43	180
—	250	160 200	132 160	355MB	30	170	740	680	800	24	6	610	150	750	682	585	412	189	560	310	310	910	43	180

FRAME SIZE	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
355MA	254	355	45	480	28	1687	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355MB	254	355	45	480	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

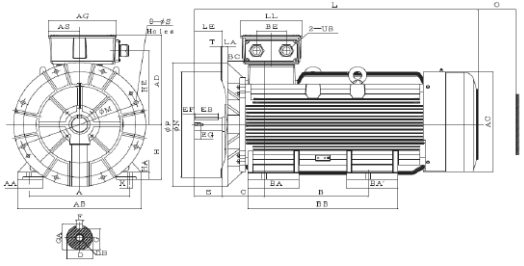
Note：
1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of Shaft Center Height H : +0, -1
4. Tolerance of N : j6

外形图 Outline

TECO TEBD

外形及安装尺寸图

安装方式：B35（IM 2001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T													
315	—	—	—	355LA	30	140	740	680	800	24	6	610	150	750	682	585	412	189	630	310	310	910	43	180
—	315	250	200	355LB	30	170	740	680	800	24	6	610	150	750	682	585	412	189	630	310	310	910	43	180

FRAME SIZE	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
355LA	254	355	45	480	28	1687	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355LB	254	355	45	480	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

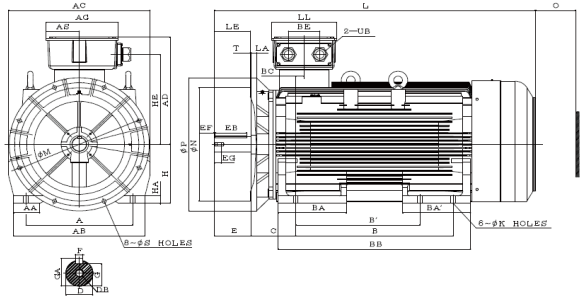
Note：
1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of Shaft Center Height H : +0, -1
4. Tolerance of N : j6

外形图 Outline

TECO TEBD

外形及安装尺寸图

安装方式：B35（IM 2001）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE
2P	4P	6P	8P		LA	LE	M	N	P	S	T														
355 400	—	—	—	355CA	30	140	740	680	800	24	6	610	150	750	682	645	412	189	900	710	390	390	1100	48	180
—	355 400	315 355	250	355CB	30	170	740	680	800	24	6	610	150	750	682	645	412	189	900	710	390	390	1100	48	180

FRAME SIZE	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
355CA	254	355	45	540	28	1765	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355CB	254	355	45	540	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 : j6

外形图 Outline

TECO TEBD

外形及安装尺寸图

安装方式：V1（IM 3011）

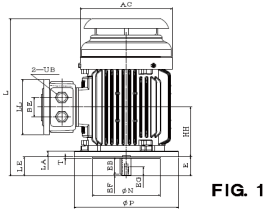


FIG. 1

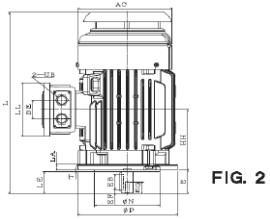


FIG. 2

Dimensions in mm

Output (kW)				FRAME SIZE	FIG NO.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L
2P	4P	6P	8P			LA	LE	M	N	P	S	T								
0.75	0.55	---	0.18	80M	1	12	40	165	130	200	12	3.5	177	163	125	67.5	40	123.5	103.5	328
1.1	0.75	0.55	0.25																	
1.5	1.1	0.75	0.37	90S	2	12	50	165	130	200	12	3.5	197	173	125	67.5	40	133.5	125.5	379.5
2.2	1.5	1.1	0.55	90L		12	50	165	130	200	12	3.5	197	173	125	67.5	40	133.5	130.5	389.5

FRAME SIZE	LL	UB	SHAFT EXTENSION									BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
80M	115	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	115	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	115	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.

外形图 Outline

外形及安装尺寸图

安装方式：V1（IM 3011）

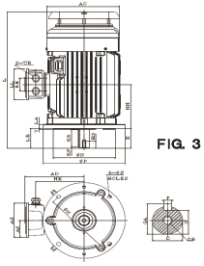


FIG. 3

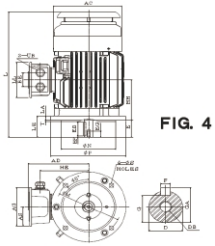


FIG. 4

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T									
3	2.2	1.5	0.75	100L	3	16	60	215	180	250	14.5	4	219	188	147	78.5	50	147	135.5	433	125
---	3	---	1.1																		
4	4	2.2	1.5	112M	4	15	60	215	180	250	14.5	4	235	200.5	147	78.5	50	159.5	145	448	125
5.5	5.5	3	2.2	132S	3	16	80	265	230	300	14.5	4	273	218	147	78.5	50	177	154	504	125
7.5	---	---	---																		
---	7.5	4	3	132M		16	80	265	230	300	14.5	4	273	218	147	78.5	50	177	173	542	125
---	---	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 : j6.
2. Tolerance of N : j6.

外形图 Outline

外形及安装尺寸图

安装方式：V1（IM 3011）

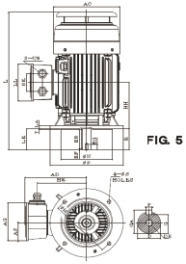


FIG. 5

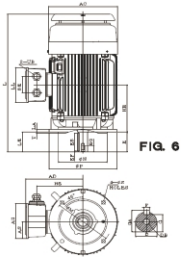


FIG. 6

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	8P	SIZE	NO	LA	LE	M	N	P	S	T									
11 15	11	7.5	4 5.5	160M	5	15	110	300	250	350	18.5	5	317	270	193	91.5	89	211.5	213	656	193
18.5	15	11	7.5	160L		15	110	300	250	350	18.5	5	317	270	193	91.5	89	211.5	235	700	193
22	18.5	—	—	180M	6	15	110	300	250	350	18.5	5	354	296	193	91.5	89	237.5	241.5	720.5	193
—	22	15	11	180L		15	110	300	250	350	18.5	5	354	296	193	91.5	89	237.5	260.5	758.5	193
30 37	30	18.5 22	15	200L		17	110	350	300	400	18.5	5	398	329	231	110.5	106	259	291.5	819.5	231

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) 6312ZZ	(6212ZZC3) 6212ZZ

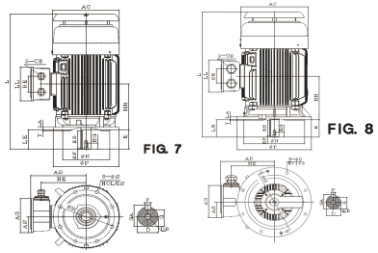
Note : 1. Tolerance of shaft end diameter D : a) .ψ42 ~ψ48 : k6 ; b) .ψ55 : m6.
2. Tolerance of N : j6.
3. Bearing No . In ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：V1（IM 3011）



Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T								
---	37	---	18.5	225SC	7	20	140	400	350	450	18.5	5	449	355	231	110.5	106	285	292	875
45	---	---	---	225MA		20	110	400	350	450	18.5	5	449	355	231	110.5	106	285	304.5	870
---	45	30	22	225MC		20	140	400	350	450	18.5	5	449	355	231	110.5	106	285	304.5	900
55	---	---	---	250MA	8	22	140	500	450	550	18.5	5	499	397	255	122.5	119	318.5	342.5	991
---	55	37	30	250MC		22	140	500	450	550	18.5	5	499	397	255	122.5	119	318.5	342.5	991

FRAME SIZE	LL	UB	SHAFT EXTENSION									BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
225SC	231	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)
225MA	231	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ
225MC	231	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
250MA	255	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	255	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

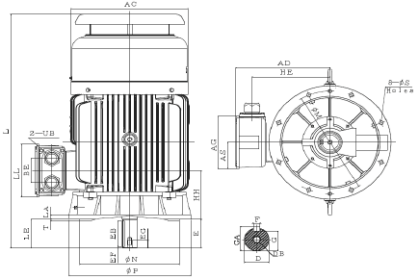
Note : 1. Tolerance of shaft end diameter D : m6.
2. Tolerance of N : j6.
3. Bearing No . In ( ) is for 2P.

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：V1（IM 3011）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T								
75	---	---	---	280SA	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	237.5	1136.5
---	75	45	37	280SB	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	237.5	1136.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	238	1186.5
---	90	55	45	280MB	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	238	1186.5

FRAME SIZE	LL	UB	SHAFT EXTENSION								BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	255	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280SB	255	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	255	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280MB	255	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

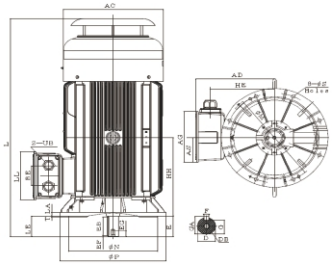
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of N : j6

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：V1（IM 3011）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T									
110	---	---	---	315SA	25	140	600	550	660	24	6	570	490	336	163	140	395	269	1277.5	322
---	110	75	55	315SB	25	170	600	550	660	24	6	570	490	336	163	140	395	269	1307.5	322

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	6314C3
315SB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

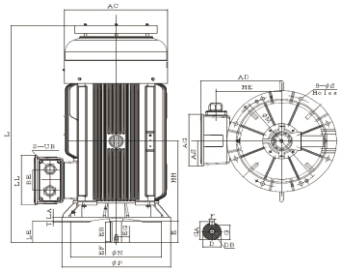
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of N : j6

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：V1（IM 3011）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T									
132	---	---	---	315MA	25	140	600	550	660	24	6	620	515	336	163	140	420	269	1319	322
---	132	90	75	315MB	25	170	600	550	660	24	6	620	515	336	163	140	420	269	1349	322

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

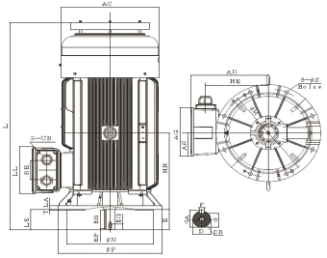
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of N : j6

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：V1（IM 3011）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T									
160 200	---	---	---	315LA	25	140	600	550	660	24	6	620	515	336	163	140	420	269	1419	322
---	160 200	110 132	90 110	315LB	25	170	600	550	660	24	6	620	515	336	163	140	420	269	1449	322

FRAME SIZE	UB	SHAFT EXTENSION									BEARING	
		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	6314C3
315LB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

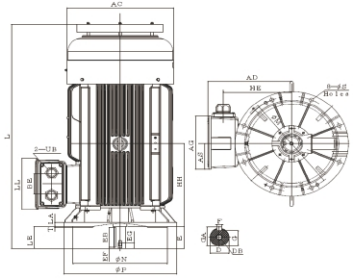
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of N : j6

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：V1（IM 3011）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T									
250	---	---	---	355MA	30	140	740	680	800	24	6	682	585	412	189	180	480	297	1760	372
---	250	160 200	132 160	355MB	30	170	740	680	800	24	6	682	585	412	189	180	480	297	1790	372

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	6318C3	6318C3
355MB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

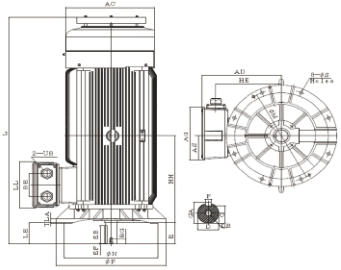
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of N : j6

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：V1（IM 3011）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T									
315	---	---	---	355LA	30	140	740	680	800	24	6	682	585	412	189	180	480	297	1760	372
---	315	250	200	355LB	30	170	740	680	800	24	6	682	585	412	189	180	480	297	1790	372

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	6318C3	6318C3
355LB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

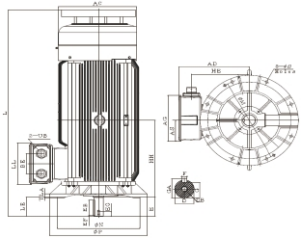
Note : 1. Tolerance of Shaft End Diameter D : m6
2. Tolerance of Key Width F : h9
3. Tolerance of N : j6

外形图 Outline

外形及安装尺寸图

TECO TEBD

安装方式：V1（IM 3011）



Dimensions in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T									
355 400	---	---	---	355CA	30	140	740	680	800	24	6	682	645	412	189	180	540	297	1883	372
---	355 400	315 355	250	355CB	30	170	740	680	800	24	6	682	645	412	189	180	540	297	1913	372

FRAME SIZE	UB	SHAFT EXTENSION									BEARING	
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355CA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355CB	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 N : j6

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model ： TED4

380V 50Hz
GB18613-2020 GB2 (IE4)
4极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	PRESSURE NO-LOAD dB(A)	Weight Kg
0.75	1	2860	80M	83.5	83.6	82.0	81.5	73.0	60.0	1.67	770	0.255	310	300	315	0.006	69	17.4
1.1	1.5	2860	80M	85.2	85.9	85.0	83.5	76.0	63.0	2.35	810	0.374	320	310	335	0.008	69	19.6
1.5	2	2860	90S	86.5	87.0	85.8	85.5	79.5	68.5	3.08	890	0.510	340	320	360	0.012	69	26.7
2.2	3	2860	90L	88.0	88.0	87.5	85.5	79.5	68.0	4.44	895	0.748	365	330	375	0.015	69	28.9
3	4	2885	100L	89.1	88.8	85.0	87.0	82.0	72.0	5.88	950	1.012	360	325	365	0.028	72	43.0
4	5.5	2895	112M	90.0	90.2	90.1	87.0	88.0	88.0	7.76	990	1.344	360	330	390	0.056	73	55.5
5.5	7.5	2930	132S	90.9	91.3	90.7	87.0	83.5	75.5	10.6	860	1.826	245	190	345	0.069	75	71.4
7.5	10	2915	132S	91.7	92.2	92.6	87.0	84.0	77.0	14.3	860	2.503	240	190	310	0.076	75	74.5
11	15	2950	160M	92.6	92.6	91.6	89.0	86.0	79.5	20.3	860	3.628	240	195	330	0.192	77	117
15	20	2950	160M	93.3	92.9	92.9	89.0	86.0	79.0	27.4	930	4.947	265	215	355	0.218	77	129
18.5	25	2950	160L	93.7	93.4	92.9	88.0	84.5	76.5	34.1	930	6.102	270	215	350	0.250	77	136
22	30	2950	180M	94.0	93.1	92.6	90.0	87.5	80.0	39.5	950	7.256	290	230	350	0.330	78	174
30	40	2960	200L	94.5	94.5	94.0	93.0	92.5	91.0	51.9	780	9.861	155	135	265	1.074	79	270
37	50	2965	200L	94.8	95.0	94.5	93.0	92.5	89.5	63.8	880	12.14	180	155	295	1.187	79	318
45	60	2965	225M	95.0	94.9	94.4	92.0	91.5	88.5	78.2	745	14.77	140	125	270	1.345	81	360
55	75	2970	250M	95.3	94.9	93.9	90.0	88.5	84.0	97.4	890	18.02	155	140	330	2.111	81	498
75	100	2975	280S	95.6	95.3	94.3	90.0	88.0	82.0	132	820	24.57	140	120	280	3.600	83	588
90	125	2975	280M	95.8	95.6	94.9	90.0	88.0	82.0	159	820	29.48	140	120	280	4.000	83	650
110	150	2975	315S	96.0	95.7	94.7	90.0	88.0	82.0	193	820	36.03	140	120	280	5.200	86	780
132	175	2975	315M	96.2	96.0	95.1	90.5	89.5	85.0	230	820	43.24	140	120	280	6.000	86	860
160	215	2975	315L	96.3	96.1	95.3	90.5	89.5	86.0	279	800	52.41	140	120	250	7.600	86	1100
200	270	2975	315L	96.5	96.4	95.8	90.5	89.5	87.0	348	800	65.51	140	120	250	8.400	86	1220
250	335	2975	355M	96.5	96.4	95.8	90.0	89.0	85.0	437	800	81.89	130	115	230	13.60	87	1900
315	420	2975	355L	96.5	96.4	95.8	90.0	89.0	85.5	551	800	103.2	130	115	230	15.60	87	2200

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model ： TED4

380V 50Hz
GB18613-2020 GB2 (IE4)
4极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE SOUND	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	PRESSURE NO-LOAD dB(A)	Weight Kg
0.75	1	1440	80M	85.7	84.4	82.4	73.0	63.5	50.0	1.82	840	0.507	355	345	365	0.015	57	20.6
1.1	1.5	1445	90S	87.2	87.7	86.7	77.0	69.0	55.0	2.49	870	0.741	330	245	355	0.021	57	27.0
1.5	2	1450	90L	88.2	87.7	86.5	78.0	70.0	57.0	3.31	940	1.007	350	270	380	0.029	57	31.6
2.2	3	1460	100L	89.5	89.6	89.3	78.5	73.5	62.5	4.76	750	1.466	205	200	285	0.048	60	40.2
3	4	1465	100L	90.4	90.3	89.8	78.5	72.3	60.5	6.42	895	1.992	245	230	335	0.061	60	45.1
4	5.5	1465	112M	91.1	90.8	90.0	81.0	74.5	62.5	8.24	950	2.657	330	225	345	0.105	62	58.2
5.5	7.5	1465	132S	91.9	92.2	91.8	83.0	78.5	67.5	11.0	950	3.653	330	225	345	0.173	65	84.8
7.5	10	1470	132M	92.6	92.3	91.9	83.0	77.0	65.5	14.8	980	4.964	360	165	380	0.202	65	93.4
11	15	1470	160M	93.3	93.6	93.4	83.5	80.0	72.0	21.5	800	7.281	250	180	280	0.374	67	122
15	20	1470	160L	93.9	93.6	93.4	83.5	80.0	71.0	29.1	805	9.929	240	190	260	0.484	67	139
18.5	25	1480	180M	94.2	94.3	94.3	84.5	81.5	74.0	35.3	755	12.16	240	190	260	0.812	70	191
22	30	1480	180L	94.5	94.5	94.3	84.5	81.5	73.0	41.9	890	14.46	275	215	285	0.928	70	203
30	40	1480	200L	94.9	94.7	94.4	84.5	80.5	71.5	56.8	755	19.72	220	190	270	1.484	72	256
37	50	1480	225S	95.2	95.3	95.0	86.0	83.0	75.5	68.7	895	24.33	210	195	270	2.897	73	352
45	60	1480	225M	95.4	94.8	94.3	88.0	85.0	78.0	81.4	780	29.58	210	185	260	3.760	73	394
55	75	1480	250M	95.7	95.8	95.5	87.5	84.5	77.5	100	820	36.16	205	175	280	4.674	74	496
75	100	1488	280S	96.0	95.8	95.0	87.5	84.0	75.0	136	800	49.12	160	140	260	8.000	77	657
90	125	1488	280M	96.1	95.8	95.0	87.5	84.0	75.0	163	800	58.94	160	140	260	9.200	77	725
110	150	1488	315S	96.3	96.1	95.3	87.5	84.0	75.0	198	740	72.04	180	160	260	17.60	82	950
132	175	1488	315M	96.4	96.2	95.5	87.5	84.0	75.0	238	740	86.45	180	160	260	19.60	82	1010
160	215	1488	315L	96.6	96.4	95.7	87.5	84.0	75.0	288	760	104.8	200	180	260	22.80	82	1165
200	270	1488	315L	96.7	96.6	96.0	88.0	84.5	76.5	357	760	131.0	200	180	260	25.20	82	1370
250	335	1488	355M	96.7	96.6	96.0	89.0	87.0	81.0	441	760	163.7	150	130	260	35.60	82	1960
315	420	1488	355L	96.7	96.6	96.2	89.0	87.0	81.0	556	780	206.3	150	130	260	39.60	82	2215

NOTE: 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

特性表 Data Sheet

隔爆型电动机（Frame-proof motor）
Model ： TED4

380V 50Hz
GB18613-2020 GB2 (IE4)
6极

OUTPUT		FULL LOAD	FRAME	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	Approx
kW	HP	rpm	NO.	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	GD² kg-m²	SOUND PRESSURE NO-LOAD dB(A)	Weight Kg
0.75	1	950	90S	82.7	82.4	81.0	68.0	58.0	45.0	2.03	625	0.768	250	215	300	0.027	54	30.0
1.1	1.5	955	90L	84.5	84.5	83.0	69.5	60.5	47.5	2.85	630	1.121	260	250	335	0.037	54	36.0
1.5	2	960	100L	85.9	86.2	85.2	70.0	62.5	50.0	3.79	685	1.520	240	185	295	0.065	54	47.0
2.2	3	970	112M	87.4	87.3	85.8	66.0	58.5	46.0	5.79	705	2.207	260	220	330	0.093	60	52.5
3	4	970	132S	88.6	88.8	87.7	75.5	67.0	54.0	6.81	755	3.009	230	190	330	0.154	63	62.5
4	5.5	970	132M	89.5	90.2	89.8	77.0	71.0	58.0	8.82	695	4.012	190	180	280	0.206	63	103
5.5	7.5	970	132M	90.5	89.9	88.6	71.0	62.5	48.5	13.0	835	5.517	285	120	285	0.217	63	105
7.5	10	975	160M	91.3	91.5	91.0	77.0	71.0	58.5	16.2	780	7.485	285	250	285	0.503	63	131
11	15	970	160L	92.3	92.0	92.0	78.0	72.5	61.5	23.2	800	11.03	300	260	290	0.700	63	153
15	20	980	180L	92.9	93.0	93.5	84.0	80.0	71.0	29.2	800	14.89	275	230	290	1.782	67	218
18.5	25	980	200L	93.4	94.0	93.0	86.5	84.0	74.0	34.8	645	18.37	200	165	230	2.791	69	292
22	30	980	200L	93.7	93.8	92.8	85.5	82.0	74.0	41.7	695	21.84	220	180	245	3.023	69	315
30	40	980	225M	94.2	94.4	94.4	85.0	82.5	75.0	56.9	725	29.79	225	190	245	4.559	69	381
37	50	985	250M	94.5	94.9	94.9	85.0	81.5	73.0	70.0	740	36.55	175	165	275	6.011	71	498
45	60	988	280S	94.8	94.8	94.2	85.0	82.0	74.0	84.9	720	44.38	180	160	250	10.80	74	786
55	75	988	280M	95.1	95.1	94.8	85.5	82.0	74.0	103	720	54.25	180	160	250	12.80	74	895
75	100	990	315S	95.4	95.3	94.5	85.5	82.0	74.0	140	720	73.82	200	180	260	23.20	77	985
90	125	990	315M	95.6	95.5	94.8	85.5	82.0	74.0	167	720	88.59	200	180	260	26.00	77	1020
110	150	990	315L	95.8	95.8	95.3	85.5	82.5	74.0	204	720	108.3	140	120	240	30.40	77	1150
132	175	990	315L	96.0	96.0	95.3	85.5	82.5	75.0	244	720	129.9	140	120	240	34.40	77	1260
160	215	990	355M	96.2	96.0	95.3	85.0	81.5	72.5	297	720	157.5	140	120	250	35.00	81	1620
200	270	990	355M	96.3	96.2	95.6	85.0	81.5	72.5	371	720	196.9	140	120	250	40.00	81	1770
250	335	990	355L	96.5	96.4	95.8	85.5	82.0	73.0	460	720	246.1	160	140	250	49.00	81	2090

NOTE:
1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2014.
2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. Efficiency, power factor, speed and torque are the same for other voltages.
   Current values vary inversely with voltage.
5. Noise : sound pressure level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

外形图 Outline

TECO
TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)

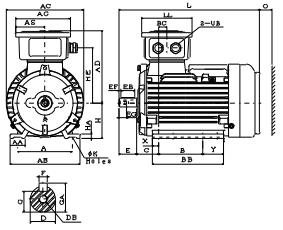


FIG.1

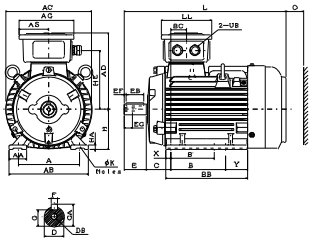


FIG.2

Dimensions in mm

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BB	BC	C	H	HA	HE
2P	4P	6P	8P																			
0.75	---	---	---	80M	1	125	34.5	161	177	163	125	67.5	15	48	100	---	163	18.5	50	80	10	123.5
1.1	0.75	---	---																			
1.5	1.1	0.75	---	90S	2	140	40	180	197	173	125	67.5	11	115	100	---	226	36	56	90	10	133.5
2.2	1.5	1.1	---	90L		140	40	180	197	173	125	67.5	11	90	125	100	226	36	56	90	10	133.5
3	2.2	1.5	---	100L		160	40	200	219	188	147	78.5	18	103	140	---	261	21	63	100	12	147
---	3	---	---																			
4	4	2.2	---	112M		190	45	235	235	200.5	147	78.5	18	79	140	---	237	28	70	112	13	159.5

FRAME SIZE	K	L	LL	0	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
80M	10	319	115	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6203ZZ	6203ZZ
90S	10	409.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6204ZZ	6204ZZ
90L	10	409.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6204ZZ	6204ZZ
100L	12	472	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6205ZZ	6205ZZ
112M	12	464	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6305ZZ	6305ZZ

Note: 1. Tolerance of shaft end diameter D: j6.
2. Tolerance of shaft center high H: +0, -0.5.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)

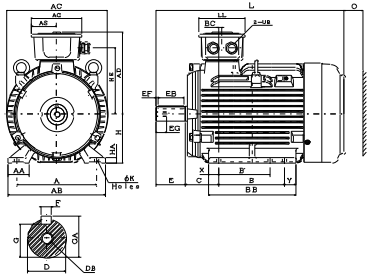


FIG.3

Dimensions in mm

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BB	BC	C	H	HA	HE
2P	4P	6P	8P																			
5.5 7.5	5.5 7.5	3 ---	--- ---	132S	3	216	57	263	273	218	147	78.5	27	108	140	1	275	6	89	132	16	177
--- ---	--- ---	4 5.5	--- ---	132M		216	57	263	273	218	147	78.5	27	70	178	140	275	6	89	132	16	177

FRAME SIZE	K	L	LL	0	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
132S	12	547	125	50	M25X1.5	38	80	70	5	28	10	133	41	M12	6308ZZ	6306ZZ
132M	12	547	125	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ

Note: 1. Tolerance of shaft end diameter D: j6.
2. Tolerance of shaft center high H: +0, -0.5.

外形图 Outline

TECO

TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)

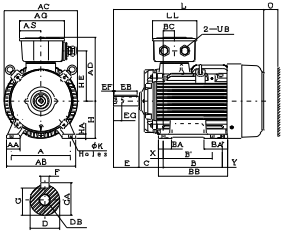


FIG.4

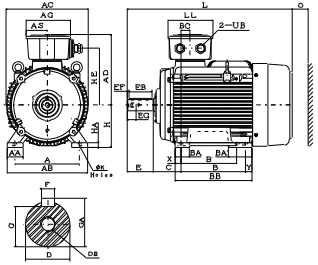


FIG.5

Dimensions in mm

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BA	BA'	BB	BC	C	H	HA
2P	4P	6P	8P																				
11 15	11 ---	7.5 ---	--- ---	160M	4	254	60	300	317	270	193	91.5	23	67	210	---	57.5	101.5	300	47	108	160	18
18.5	15	11	---	160L	5	254	60	300	317	270	193	91.5	23	23	254	210	57.5	101.5	300	47	108	160	18
22	18.5	---	---	180M		279	65	330	354	296	193	91.5	25.5	63.5	241	---	62	100	330	39	121	180	20
---	22	15	---	180L		279	65	330	354	296	193	91.5	25.5	25.5	279	241	62	100	330	39	121	180	20

FRAME SIZE	HE	K	L	LL	0	UB	SHAFT EXTENSION								BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
160M	211.5	14.5	652	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
160L																	
180M	237.5	14.5	710	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3) 6311ZZ	(6310ZZC3) 6310ZZ
180L																	

Note: 1. Tolerance of shaft end diameter D: k6.
2. Tolerance of shaft center high H: +0, -0.5.
3. Bearing No. In ( ) is for 2P.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)

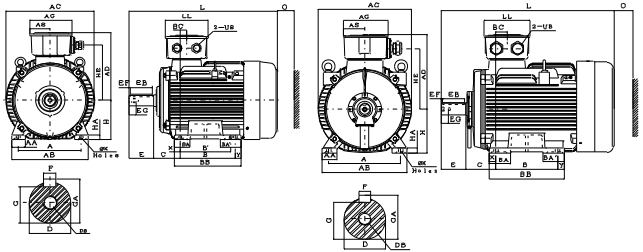


FIG.6

FIG.7

Dimensions in mm

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BA	BA'	BB	BC	C	H	HA
2P	4P	6P	8P																				
30/37	30	18.5/22	---	200L	6	318	75	388	448	358	231	110.5	30	30	305	---	76	176	365	52	133	200	24
---	37	---	---	225SC		356	75	431	498	378	231	110.5	32	32	286	---	90	90	350	37.5	149	225	28
45	---	---	---	225MA	7	356	75	431	498	378	231	110.5	32	32	311	286	90	115	375	37.5	149	225	28
---	45	30	---	225MC		356	75	431	498	378	231	110.5	32	32	311	286	90	115	375	37.5	149	225	28
55	---	---	---	250MA		406	85	480	527.5	430	255	122.5	38	38	349	---	120	120	425	63.5	168	250	30
---	55	37	---	250MC		406	85	480	527.5	430	255	122.5	38	38	349	---	120	120	425	63.5	168	250	30

FRAME SIZE	HE	K	L	LL	0	UB	SHAFT EXTENSION									BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
200L	288	18.5	764.5	231	80	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6312ZZ	(6212ZZC3) 6212ZZ
225SC	308	18.5	816	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
225MA	308	18.5	841	231	90	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6313ZZ	(6212ZZC3) 6213ZZ
225MC	308	18.5	841	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
250MA	351.5	24	977.5	255	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3 6315	6313C3 6313
250MC	351.5	24	977.5	255	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20		

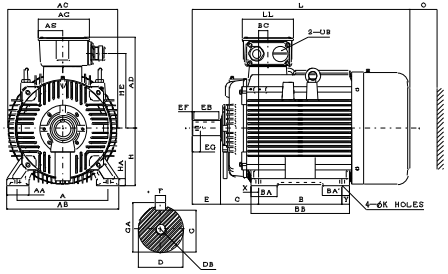
Note: 1. Tolerance of shaft end diameter D: k6.
2. Tolerance of shaft center high H: +0, -0.5.
3. Bearing No. In ( ) is for 2P.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)



Dimensions in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	X	Y	B	BA	BA'	BB	BC	C	H	HA
2P	4P	6P	8P																		
75	---	---	---	1280SA	457	110	560	550	445	255	122.5	38.5	38.5	368	110	110	445	48	190	280	35
---	75	45	---	280SB	457	110	560	550	445	255	122.5	38.5	38.5	368	110	110	445	48	190	280	35
90	---	---	---	280MA	457	110	560	550	445	255	122.5	38	38	419	130	137	495	48	190	280	35
---	90	55	---	280MB	457	110	560	550	445	255	122.5	38	38	419	130	137	495	48	190	280	35

FRAME SIZE	HE	K	L	LL	0	UB	SHAFT EXTENSION									BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	366.5	24	1037.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280SB	366.5	24	1037.5	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	366.5	24	1087.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280MB	366.5	24	1087.5	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

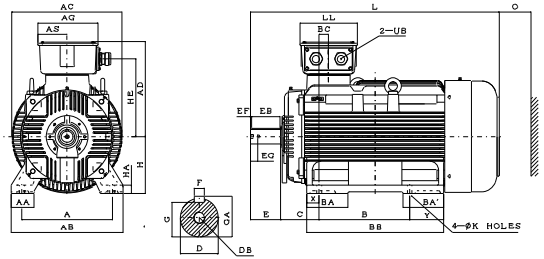
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Shaft Center Height H: +0, -1
3. Tolerance of Key Width F: h9

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)



Dimensions in mm

Output (kW)			FRAME SIZE	A	AA	AB	AC	AD	AG	AS	X	Y	B	BA	BA'	BB	BC	C	H	HA
2P	4P	6P																		
110	---	---	315SA	508	115	615	620	524	336	163	69	145	406	210	210	620	53	216	315	35
---	110	75	315SB	508	115	615	620	524	336	163	69	145	406	210	210	620	53	216	315	35
132	---	---	315MA	508	115	615	620	524	336	163	69	144	457	240	240	670	53	216	315	35
---	132	90	315MB	508	115	615	620	524	336	163	69	144	457	240	240	670	53	216	315	35

FRAME SIZE	HE	K	L	LL	0	UB	SHAFT EXTENSION									BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315SA	430	28	1216	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	430	28	1246	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3
315MA	430	28	1266	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315MB	430	28	1296	322	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

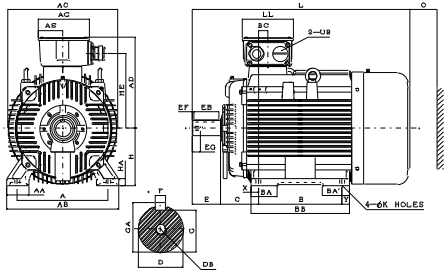
外形图 Outline

TECO

TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)



Dimensions in mm

Output (kW)			FRAME SIZE	A	AA	AB	AC	AD	AG	AS	X	Y	B'	B	BA	BA'	BB	BC	C	H	HA
2P	4P	6P																			
160	---	---	315LA	508	150	650	682	574	336	163	75	85	508	710	335	335	870	68	216	315	45
200																					
---	160	110	315LB	508	150	650	682	574	336	163	75	85	508	710	335	335	870	68	216	315	45
	200	132																			

FRAME SIZE	HE	K	L	LL	0	UB	SHAFT EXTENSION									BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315LA	480	28	1484	322	200	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315LB	480	28	1514	322	200	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

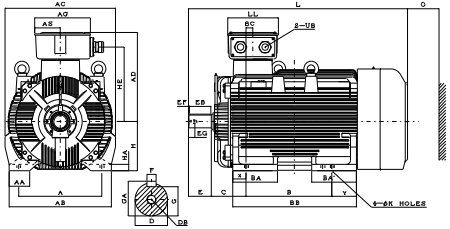
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Shaft Center Height H: +0, -1
3. Tolerance of Key Width F: h9

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)



Dimensions in mm

Output (kW)			FRAME SIZE	A	AA	AB	AC	AD	AG	AS	X	Y	B	BA	BA'	BB	BC	C	H	HA
2P	4P	6P																		
250	---	---	355MA	610	150	750	810	645	412	189	100	200	560	330	330	860	48	254	355	45
---	250	160 200	355MB	610	150	750	810	645	412	189	100	200	560	330	330	860	48	254	355	45

FRAME SIZE	HE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355MA	540	28	1664	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3
355MB	540	28	1595	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

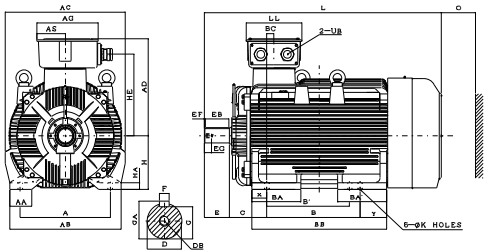
外形图 Outline

TECO

TED4

外形及安装尺寸图

安装方式： B3 (IM 1001)



Dimensions in mm

Output (kW)			FRAME SIZE	A	AA	AB	AC	AD	AG	AS	X	Y	B'	B	BA	BA'	BB	BC	C	H	HA
2P	4P	6P																			
315	---	---	355LA	610	150	750	810	645	412	189	100	189	560	630	330	330	910	48	254	355	45
---	315	250	355LB	610	150	750	810	645	412	189	100	189	560	630	330	330	910	48	254	355	45

FRAME SIZE	HE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355LA	540	28	1714	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3
355LB	540	28	1645	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

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B5 (IM 3001)

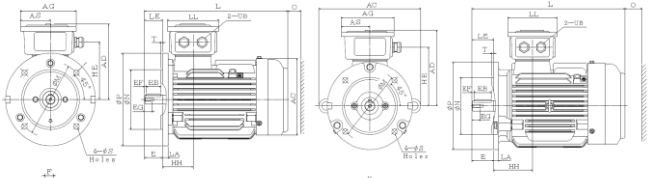


FIG. 1

FIG. 2

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T							
0.75 1.1	--- 0.75	--- ---	--- ---	80M	1	12	40	165	130	200	12	3.5	177	163	125	67.5	123.5	68.5	319
1.5	1.1	0.75	---	90S	2	12	50	165	130	200	12	3.5	271	173	125	67.5	133.5	92	409.5
2.2	1.5	1.1	---	90L		12	50	165	130	200	12	3.5	271	173	125	67.5	133.5	92	409.5

FRAME SIZE	LL	O	UB	SHAFT EXTENSION									BEARING	
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
80M	115	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	115	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.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B5 (IM 3001)

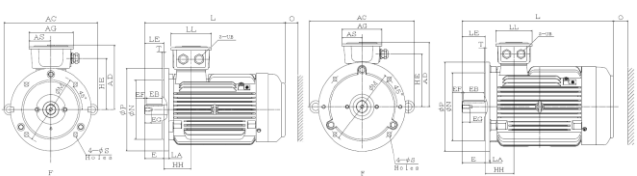


FIG. 3

FIG. 4

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL	O
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T									
3 ---	2.2 3	1.5 ---	--- ---	100L	4	16	60	215	180	250	14.5	4	288.5	188	147	78.5	147	84	472	125	50
4	4	2.2	--- ---	112M	3	15	60	215	180	250	14.5	4	306.5	200.5	147	78.5	159.5	98	464	125	50
5.5 7.5	5.5 ---	3 ---	--- ---	132S	4	16	80	265	230	300	14.5	4	360	218	147	78.5	177	95	547	125	50
--- ---	7.5 ---	4 5.5	--- ---	132M		16	80	265	230	300	14.5	4	360	218	147	78.5	177	95	547	125	50

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: ψ28: j6, ψ38:k6.
2. Tolerance of N: j6.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B5 (IM 3001)

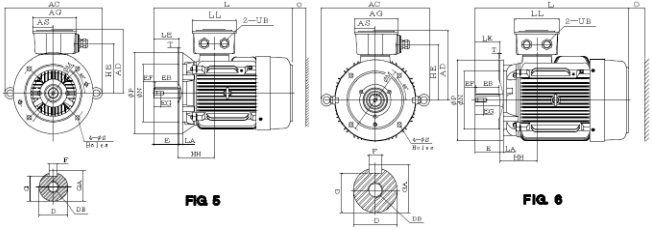


FIG. 5 FIG. 6

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL	O
2P	4P	6P	---	SIZE	NO.	LA	LE	M	N	P	S	T									
11 15	11	7.5	---	160M	5	15	110	300	250	350	18.5	5	427	270	193	91.5	211.5	155	652	193	60
18.5	15	11	---	160L		15	110	300	250	350	18.5	5	427	270	193	91.5	211.5	155	652	193	60
22	18.5	---	---	180M	6	15	110	300	250	350	18.5	5	476	296	193	91.5	237.5	160	710	193	70
---	22	15	---	180L		15	110	300	250	350	18.5	5	476	296	193	91.5	237.5	160	710	193	70

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

Note: 1. Tolerance of shaft end diameter D: k6.
2. Tolerance of N: j6.
3. Bearing No. In ( ) is for 2P.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B5 (IM 3001)

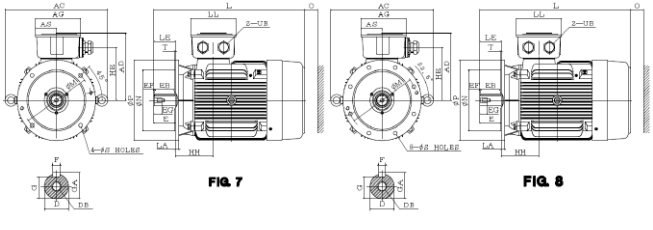


FIG. 7 FIG. 8

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---	SIZE	NO.	LA	LE	M	N	P	S	T							
30 37	30	18.5 22	---	200L	7	17	110	350	300	400	18.5	5	576.5	358	231	107.5	288	185	814.5
---	37	---	---	225SC	8	20	140	400	350	450	18.5	5	652	377.5	231	107.5	308	186.5	876
45	---	---	---	225MA		20	110	400	350	450	18.5	5	652	377.5	231	107.5	308	186.5	871
---	45	30	---	225MC		20	140	400	350	450	18.5	5	652	377.5	231	107.5	308	186.5	901

FRAME SIZE	LL	O	UB	SHAFT EXTENSION									BEARING	
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
200L	231	80	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6312ZZ	(6212ZZC3) 6212ZZ
225SC	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
225MA	231	90	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6313ZZ	(6212ZZC3) 6213ZZ
225MC	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		

Note: 1. Tolerance of shaft end diameter D: m6.
2. Tolerance of N: j6.
3. Bearing No. In ( ) is for 2P.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B5 (IM 3001)

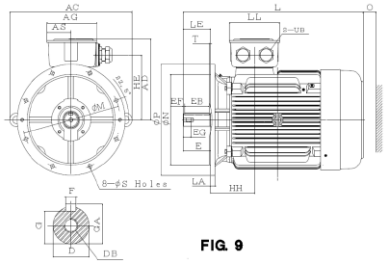


FIG. 9

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---	SIZE	NO.	LA	LE	M	N	P	S	T							
55	---	---	---	250MA	9	22	140	500	450	550	18.5	5	738	425	255	122.5	351.5	231.5	977.5
---	55	37	---	250MC		22	140	500	450	550	18.5	5	738	425	255	122.5	351.5	231.5	977.5

FRAME SIZE	LL	O	UB	SHAFT EXTENSION								BEARING	
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
250MA	255	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	255	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

Note: 1. Tolerance of shaft end diameter D: m6.
2. Tolerance of N: j6.

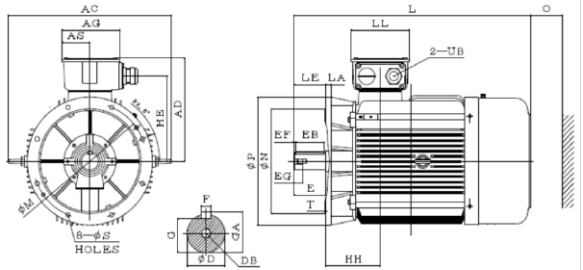
外形图 Outline

TECO

TED4

外形及安装尺寸图

安装方式： B5 (IM 3001)



Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---	SIZE	LA	LE	M	N	P	S	T							
75	---	---	---	280SA	22	140	500	450	550	18.5	5	717	445	255	122.5	366.5	238	1037.5
---	75	45	---	280SB	22	140	500	450	550	18.5	5	717	445	255	122.5	366.5	238	1037.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	717	445	255	122.5	366.5	238	1087.5
---	90	55	---	280MB	22	140	500	450	550	18.5	5	717	445	255	122.5	366.5	238	1087.5

FRAME SIZE	LL	O	UB	SHAFT EXTENSION								BEARING	
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280SB	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280MB	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

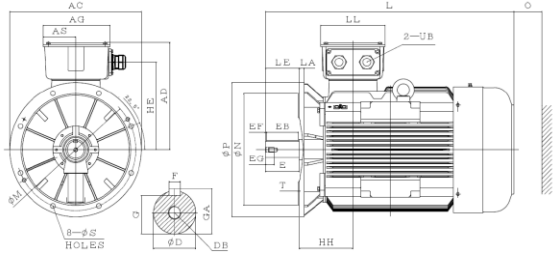
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of N: j6

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B5 (IM 3001)



Output (kW)			FRAME	FLANGE DIMENSION							AC	AD	AG	AS	HH	L	LL	O
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T								
110	---	---	315SA	25	140	600	550	660	24	6	660	527.5	336	163	269	1216	322	180
---	110	75	315SB	25	170	600	550	660	24	6	660	527.5	336	163	269	1246	322	180
132	---	---	315MA	25	140	600	550	660	24	6	660	527.5	336	163	269	1266	322	180
---	132	90	315MB	25	170	600	550	660	24	6	660	527.5	336	163	269	1296	322	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	6314C3
315SB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3
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

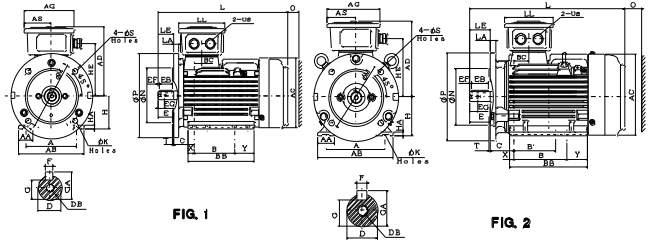
外形图 Outline

TECO

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)



Output (kW)				FRAME	FIG.	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BB	BC	C
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T														
0.75 1.1	---	---	---	80M	1	12	40	165	130	200	12	3.5	125	34.5	161	177	163	125	67.5	15	48	100	---	163	18.5	50
	0.75	---	---																						
1.5	1.1	0.75	---	90S	2	12	50	165	130	200	12	3.5	140	40	180	197	173	125	67.5	11	115	100	---	226	36	56
2.2	1.5	1.1	---	90L		12	50	165	130	200	12	3.5	140	40	180	197	173	125	67.5	11	90	125	100	226	36	56

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
80M	80	10	123.5	10	319	115	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	90	10	133.5	10	409.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	90	10	133.5	10	409.5	115	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.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)

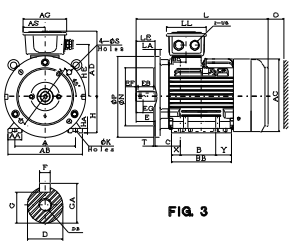


FIG. 3

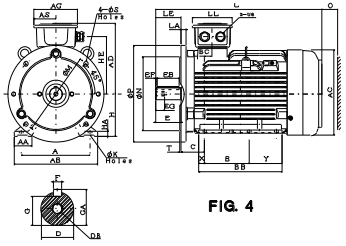


FIG. 4

Output (kW)				FRAME	FIG.	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BB	BC	C
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T														
3	2.2	1.5	---	100L	4	16	60	215	180	250	14.5	4	160	40	200	219	188	147	78.5	18	103	140	---	261	21	63
4	4	2.2	---	112M	3	15	60	215	180	250	14.5	4	190	45	235	235	200.5	147	78.5	18	79	140	---	237	28	70
5.5 7.5	5.5 ---	3 ---	---	132S	4	16	80	265	230	300	14.5	4	216	57	263	273	218	147	78.5	27	108	140	---	275	6	89
---	7.5	4	---	132M		16	80	265	230	300	14.5	4	216	57	263	273	218	147	78.5	27	70	178	140	275	6	89
---	5.5	5.5																								

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	147	12	472	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ
112M	112	13	159.5	12	464	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ
132S	132	16	177	12	547	125	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ
132M	132	16	177	12	547	125	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ

Note: 1. Tolerance of shaft end diameter D: ψ28: j6, ψ38:k6.
2. Tolerance of shaft center high H: +0, -0.5.
3. Tolerance of N: j6.

外形图 Outline

TECO

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)

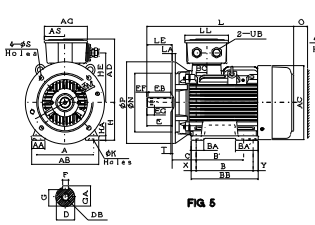


FIG. 5

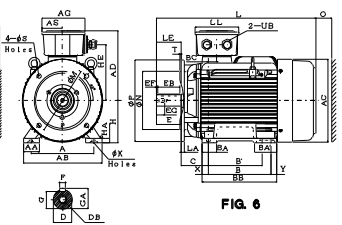


FIG. 6

Output (kW)				FRAME	FIG.	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BA	BA'	BB
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T														
11 15	11	7.5	---	160M	5	15	110	300	250	350	18.5	5	254	60	300	317	270	193	91.5	23	67	210	---	57.5	101.5	300
18.5	15	11	---	160L		15	110	300	250	350	18.5	5	254	60	300	317	270	193	91.5	23	23	254	210	57.5	101.5	300
22	18.5	---	---	180M	6	15	110	300	250	350	18.5	5	279	65	330	354	296	193	91.5	25.5	63.5	241	---	62	100	330
---	22	15	---	180L		15	110	300	250	350	18.5	5	279	65	330	354	296	193	91.5	25.5	25.5	279	241	62	100	330

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	47	108	160	18	211.5	14.5	652	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
160L	47	108	160	18	211.5	14.5	652	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
180M	39	121	180	20	237.5	14.5	710	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3)	(6310ZZC3)
180L	39	121	180	20	237.5	14.5	710	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311ZZ	6310ZZ

Note: 1. Tolerance of shaft end diameter D: k6.
2. Tolerance of shaft center high H: +0, -0.5.
3. Tolerance of N: j6.
4. Bearing No. In ( ) is for 2P.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)

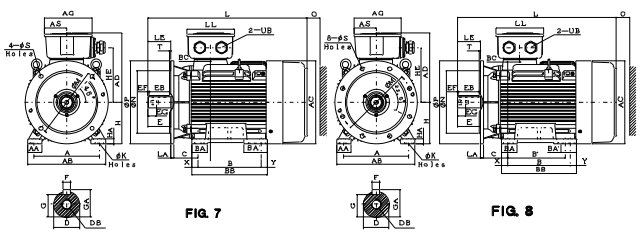


FIG. 7 FIG. 8

Output (kW)				FRAME	FIG.	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BA	BA'	BB
2P	4P	6P	---	SIZE	NO.	LA	LE	M	N	P	S	T													
30 37	30	18.5 22	---	200L	7	17	110	350	300	400	18.5	5	318	75	388	448	358	231	110.5	30	30	305	---	76	76	365
---	37	---	---	225SC		20	140	400	350	450	18.5	5	356	75	431	498	378	231	110.5	32	32	286	---	90	90	350
45	---	---	---	225MA	8	20	110	400	350	450	18.5	5	356	75	431	498	378	231	110.5	32	32	311	286	90	115	375
---	45	30	---	225MC		20	140	400	350	450	18.5	5	356	75	431	498	378	231	110.5	32	32	311	286	90	115	375

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
1200L	52	133	200	24	288	18.5	764.5	231	80	M50X1.5	55	110	100	5	42	16	49	59	M20	6309ZZ	6307ZZ
225SC	37.5	149	225	28	308	18.5	816	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	6309ZZ	6307ZZ
225MA	37.5	149	225	28	308	18.5	811	231	90	M50X1.5	55	110	100	5	42	16	49	59	M20	(6311ZZC3)	(6310ZZC3)
225MC	37.5	149	225	28	308	18.5	841	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	6311ZZ	6310ZZ

Note: 1. Tolerance of shaft end diameter D: m6.
2. Tolerance of shaft center high H: +0, -0.5.
3. Tolerance of N: j6.
4. Bearing No. In ( ) is for 2P.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)

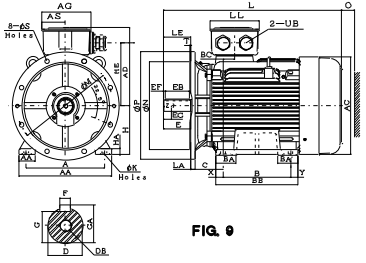


FIG. 9

Output (kW)				FRAME	FIG.	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BA	BA'	BB
2P	4P	6P	---	SIZE	NO.	LA	LE	M	N	P	S	T													
55	---	---	---	250MA	9	22	140	500	450	550	18.5	5	406	85	480	527.5	430	255	125.5	38	38	349	---	120	120	425
---	55	37	---	250MC		22	140	500	450	550	18.5	5	406	85	480	527.5	430	255	125.5	38	38	349	---	120	120	425

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
250MA	63.5	168	250	30	351.5	24	977.5	225	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	63.5	168	250	30	351.5	24	977.5	225	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

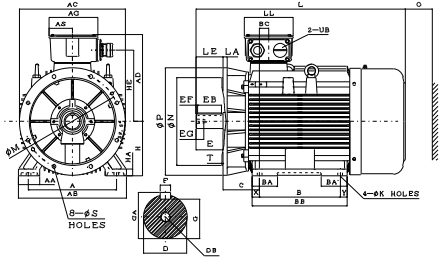
Note: 1. Tolerance of shaft end diameter D: m6.
2. Tolerance of shaft center high H: +0, -0.5.
3. Tolerance of N: j6.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)



Output (kW)				FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	X	Y	B	BA	BA'	BB	BC
2P	4P	6P	---	SIZE	LA	LE	M	N	P	S	T													
75	---	---	---	280SA	22	140	500	450	550	18.5	5	457	110	560	550	445	255	122.5	38.5	38.5	368	110	110	445	48
---	75	45	---	280SB	22	140	500	450	550	18.5	5	457	110	560	550	445	255	122.5	38.5	38.5	368	110	110	445	48
90	---	---	---	280MA	22	140	500	450	550	18.5	5	457	110	560	550	445	255	122.5	38	38	419	130	137	495	48
---	90	55	---	280MB	22	140	500	450	550	18.5	5	457	110	560	550	445	255	122.5	38	38	419	130	137	495	48

FRAME SIZE	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
280SA	190	280	35	366.5	24	1037.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280SB	190	280	35	366.5	24	1037.5	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	190	280	35	366.5	24	1087.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280MB	190	280	35	366.5	24	1087.5	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

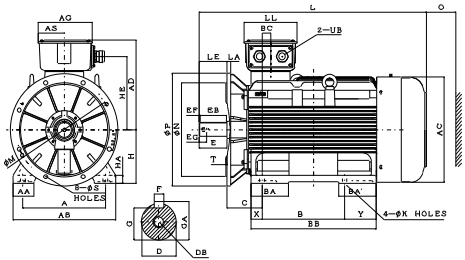
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of Shaft Center Height H: +0, -1
4. Tolerance of N : j6

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)



Output (kW)			FRAME	FLANGE DIMENSION						A	AA	AB	AC	AD	AG	AS	X	Y	B	BA	BA'	BB	BC
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T													
110	---	---	315SA	25	140	600	550	660	24	6	508	115	615	620	524	336	163	69	145	406	210	210	620	53
---	110	75	315SB	25	170	600	550	660	24	6	508	115	615	620	524	336	163	69	145	406	210	210	620	53
132	---	---	315MA	25	140	600	550	660	24	6	508	115	615	620	524	336	163	69	144	457	240	240	670	53
---	132	90	315MB	25	170	600	550	660	24	6	508	115	615	620	524	336	163	69	144	457	240	240	670	53

FRAME SIZE	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
315SA	216	315	35	430	28	1216	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	216	315	35	430	28	1246	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3
315MA	216	315	35	430	28	1266	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315MB	216	315	35	430	28	1296	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

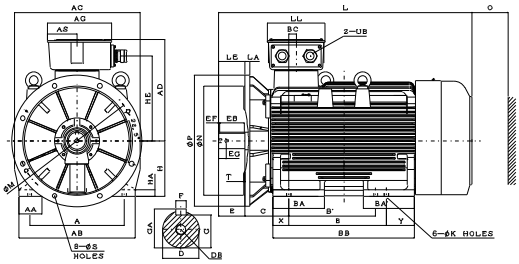
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of Shaft Center Height H: +0, -1
4. Tolerance of N : js6

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)



Output (kW)			FRAME	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	X	Y	B'	B	BA	BA'	BB
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T														
160 200	---	---	315LA	30	140	600	550	660	24	6	508	150	650	682	574	336	163	75	85	508	710	335	335	870
---	160 200	110 132	315LB	30	170	600	550	660	24	6	508	150	650	682	574	336	163	75	85	508	710	335	335	870

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
315LA	68	216	315	45	480	28	1484	322	200	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315LB	68	216	315	45	480	28	1514	322	200	M63X1.5	80	170	160	5	40	22	71	85	M24	6320C3	6316C3

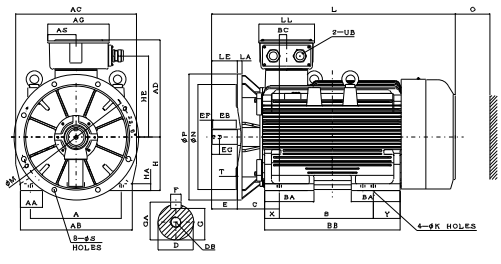
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of Shaft Center Height H: +0, -1
4. Tolerance of N: js6

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)



Output (kW)			FRAME	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	X	Y	B	BA	BA'	BB	BC
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T														
250	---	---	355MA	30	140	740	680	800	24	6	610	150	750	810	645	412	189	100	200	560	330	330	860	48
---	250	160 200	355MB	30	170	740	680	800	24	6	610	150	750	810	645	412	189	100	200	560	330	330	860	48

FRAME SIZE	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
355MA	254	355	45	540	28	1664	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3
355MB	254	355	45	540	28	1595	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

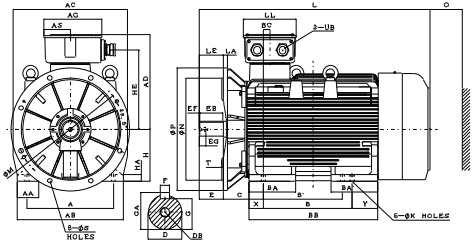
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of Shaft Center Height H: +0, -1
4. Tolerance of N: js6

外形图 Outline

TED4

外形及安装尺寸图

安装方式： B35 (IM 2001)



Output (kW)			FRAME	FLANGE DIMENSION							A	AA	AB	AC	AD	AG	AS	X	Y	B	B'	BA	BA'	BB
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T														
315	---	---	355LA	30	140	740	680	800	24	6	610	150	750	810	645	412	189	100	180	560	630	330	330	910
---	315	250	355LB	30	170	740	680	800	24	6	610	150	750	810	645	412	189	100	180	560	630	330	330	910

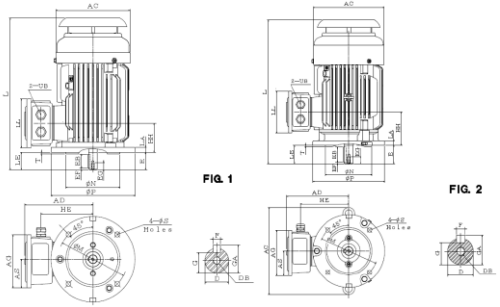
FRAME SIZE	BC	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING	
											D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355LA	48	254	355	45	529	28	1714	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3
355LB	48	254	355	45	529	28	1645	372	230	M72X2	95	170	160	5	48	25	86	100	M24	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

TECO

TED4

安装方式： V1 (IM 3011)



Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T							
0.75 1.1	--- 0.75	---	---	80M	1	12	40	165	130	200	12	3.5	177	163	125	67.5	123.5	68.5	354
1.5	1.1	0.75	---	90S	2	12	50	165	130	200	12	3.5	271	173	125	67.5	133.5	92	444.5
2.2	1.5	1.1	---	90L		12	50	165	130	200	12	3.5	271	173	125	67.5	133.5	92	444.5

FRAME SIZE	LL	UB	SHAFT EXTENSION								BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
80M	115	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	115	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	115	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.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： V1 (IM 3011)

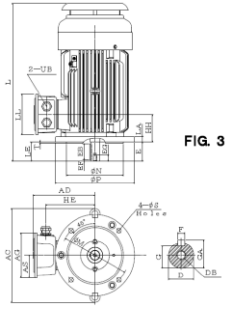


FIG. 3

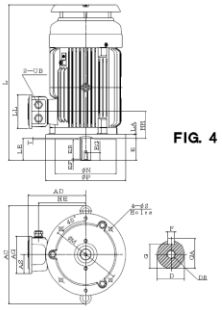


FIG. 4

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T								
3	2.2	1.5	---	100L	4	16	60	215	180	250	14.5	4	288.5	188	147	78.5	147	84	507	125
4	4	2.2	---	112M	3	15	60	215	180	250	14.5	4	306.5	200.5	147	78.5	159.5	98	499	125
5.5	5.5	3	---	132S	4	16	80	265	230	300	14.5	4	360	218	147	78.5	177	95	582	125
---	7.5	4	---	132M		16	80	265	230	300	14.5	4	360	218	147	78.5	177	95	582	125

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: ψ28: j6 , ψ38:k6 .
2. Tolerance of N: j6.

外形图 Outline

TECO

TED4

外形及安装尺寸图

安装方式： V1 (IM 3011)

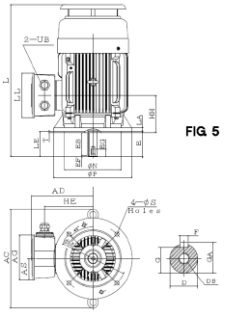


FIG. 5

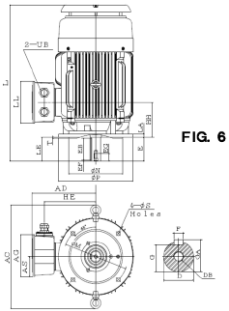


FIG. 6

Dimensions in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL
2P	4P	6P	---	SIZE	NO.	LA	LE	M	N	P	S	T								
11	11	7.5	---	160M	5	15	110	300	250	350	18.5	5	427	270	193	91.5	211.5	155	702	193
15																				
18.5	15	11	---	160L		15	110	300	250	350	18.5	5	427	270	193	91.5	211.5	155	702	193
22	18.5	---	---	180M	6	15	110	300	250	350	18.5	5	476	296	193	91.5	237.5	160	760	193
---	22	15	---	180L		15	110	300	250	350	18.5	5	476	296	193	91.5	237.5	160	760	193

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

Note: 1. Tolerance of shaft end diameter D: k6.
2. Tolerance of N: j6.
3. Bearing No. In () is for 2P.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： V1 (IM 3011)

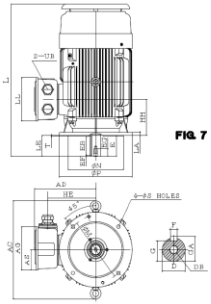


FIG. 7

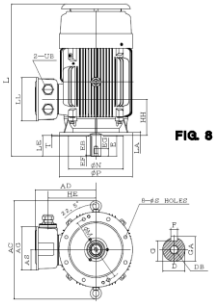


FIG. 8

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---	SIZE	NO.	LA	LE	M	N	P	S	T							
30/37	30	18.5/22	---	200L	7	17	110	350	300	400	18.5	5	576.5	358	231	107.5	288	185	814.5
---	37	---	---	225SC	8	20	140	400	350	450	18.5	5	652	377.5	231	107.5	308	186.5	876
45	---	---	---	225MA		20	110	400	350	450	18.5	5	652	377.5	231	107.5	308	186.5	871
---	45	30	---	225MC		20	140	400	350	450	18.5	5	652	377.5	231	107.5	308	186.5	901

FRAME SIZE	LL	UB	SHAFT EXTENSION								BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
200L	231	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6312ZZ	(6212ZZC3) 6212ZZ
225SC	231	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
225MA	231	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6313ZZ	(6212ZZC3) 6213ZZ
225MC	231	M50X1.5	60	140	125	7.5	42	18	53	64	M20		

Note: 1. Tolerance of shaft end diameter D: m6.
2. Tolerance of N: j6.
3. Bearing No. In () is for 2P.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： V1 (IM 3011)

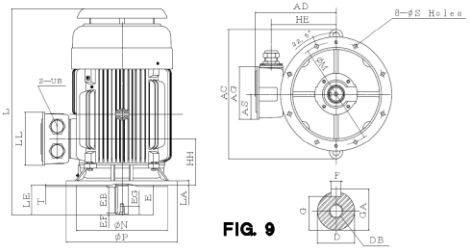


FIG. 9

Output (kW)				FRAME	FIG.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---	SIZE	NO.	LA	LE	M	N	P	S	T							
55	---	---	---	250MA	9	22	140	500	450	550	18.5	5	738	425	255	122.5	346.5	231.5	1037.5
---	55	37	---	250MC		22	140	500	450	550	18.5	5	738	425	255	122.5	346.5	231.5	1037.5

FRAME SIZE	LL	UB	SHAFT EXTENSION								BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
250MA	255	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	255	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

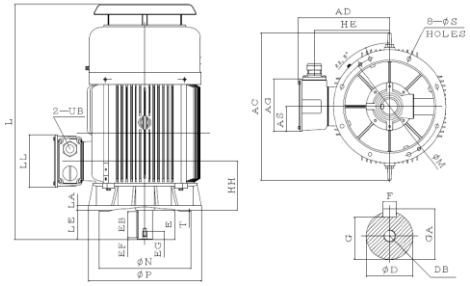
Note: 1. Tolerance of shaft end diameter D: m6.
2. Tolerance of N: j6.

外形图 Outline

TED4

外形及安装尺寸图

安装方式： V1 (IM 3011)



Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	---	SIZE	LA	LE	M	N	P	S	T							
75	---	---	---	280SA	22	140	500	450	550	18.5	5	717	445	255	122.5	366.5	238	1137.5
---	75	45	---	280SB	22	140	500	450	550	18.5	5	717	445	255	122.5	366.5	238	1137.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	717	445	255	122.5	366.5	238	1187.5
---	90	55	---	280MB	22	140	500	450	550	18.5	5	717	445	255	122.5	366.5	238	1187.5

FRAME SIZE	LL	UB	SHAFT EXTENSION									BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	255	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280SB	255	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	255	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280MB	255	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

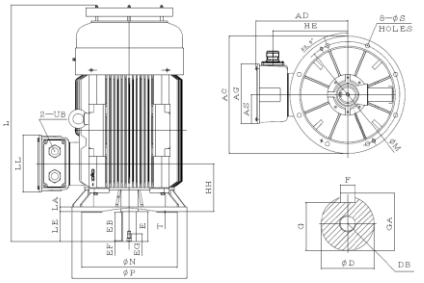
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of N : j6

外形图 Outline

TED4

外形及安装尺寸图

安装方式： V1 (IM 3011)



Output (kW)			FRAME	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T								
110	---	---	315SA	25	140	600	550	660	24	6	660	527.5	336	163	430	269	1346	322
---	110	75	315SB	25	170	600	550	660	24	6	660	527.5	336	163	430	269	1346	322
132	---	---	315MA	25	140	600	550	660	24	6	660	527.5	336	163	430	269	1346	322
---	132	90	315MB	25	170	600	550	660	24	6	660	527.5	336	163	430	269	1346	322

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
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

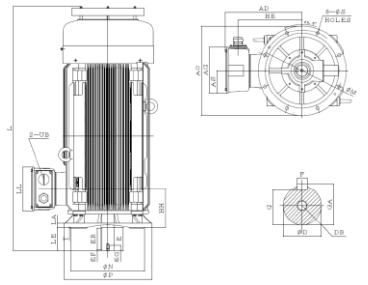
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of N : js6

外形图 Outline

TED4

外形及安装尺寸图

安装方式： V1 (IM 3011)



Output (kW)			FRAME	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T								
160 200	---	---	315LA	30	140	600	550	660	24	6	682	527.5	336	163	430	284	1804	322
---	160 200	110 132	315LB	30	170	600	550	660	24	6	682	527.5	336	163	430	284	1834	322

FRAME SIZE	UB	SHAFTEXTENSION									BEARING	
		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	7316B

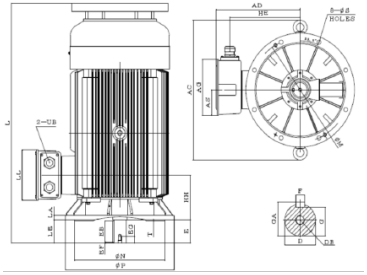
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of N: js6

外形图 Outline

TED4

外形及安装尺寸图

安装方式： V1 (IM 3011)



Output (kW)			FRAME	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T								
250	---	---	355MA	30	140	740	680	800	24	6	1026	647.7	412	189	540	302	1675	372
---	250	160 200	355MB	30	140	740	680	800	24	6	1026	647.7	412	189	540	302	1705	372

FRAME SIZE	UB	SHAFTEXTENSION									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

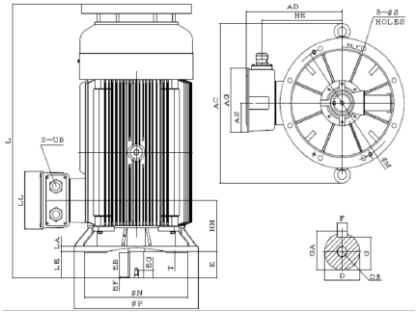
Note: 1. Tolerance of Shaft End Diameter D: m6
2. Tolerance of Key Width F: h9
3. Tolerance of N: js6

外形图 Outline

外形及安装尺寸图

TED4

安装方式： V1 (IM 3011)



Output (kW)			FRAME	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	LL
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T								
315	---	---	355LA	30	140	740	680	800	24	6	1026	647.7	412	189	540	302	1725	372
---	315	250	355LB	30	140	740	680	800	24	6	1026	647.7	412	189	540	302	1755	372

FRAME SIZE	UB	SHAFTEXTENSION									BEARING	
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355LA	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	7317B
355LB	M63X1.5	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

MEMO