

The logo for TECO, featuring the letters 'TECO' in a bold, blue, sans-serif font. To the right of the letters is a circular icon containing a stylized, blue, three-bladed propeller or fan shape.

三相异步电动机

SERIES THREE PHASE INDUCTION MOTORS

东元N系列标准电机

Teco N Series Standard Motor

IEC-60034-30-1 2014/IE3

GB18613-2020/GB3

东元N系列高效率电机

Teco N Series High Efficiency Motor

IEC-60034-30-1 2014/IE4

GB18613-2020/GB2

东元N系列超高效率电机

Teco N Series Super High Efficiency Motor

IEC-60034-30-1 2014/IE5

GB18613-2020/GB1



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、资讯通讯、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 data presented is for reference only and subject to change without notice.

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(视为生产技术处)。
- 1973年淡水厂启用,生产冷气机、电视机、电冰箱等家电产品。
- 1979年中场一厂建厂完成导入全新自动化设备生产电机。
- 1983年.观音厂启用,生产电视机、高级电子产品及电脑周边设备。
- 1987年中场二厂建厂完成与西屋合作生产超大型电机。
- 1991年观音冷气厂建厂完成,导入全新自动化生产家电产品。
- 1991年马来西亚厂建厂完成。
- 1994年的观音压缩机厂建厂完成。
- 1995年并购美国西屋(WESTINGHOUSE)电机厂。
- 2002年无锡东元电机建厂。
- 2003年无锡东元正式投产。
- 2004年无锡东元金一厂建厂。
- 2004年江西东元电机建厂。
- 2012年成立上海东元德高电机有限公司作为东元集团在中国主要的销售服务中心。
- 2016年无锡东元精密机械建厂。
- 2017年中场正式启用「马达固定式自动化生产中心」。
- 2018年东元越南马达厂动工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DISI道琼斯绩效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能回收标案。
- 2023年收购台湾能源公司。

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



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Teco N Series Three Phase Induction Motors

标准电机Standard Motor 380V 50HZ	15-18
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高效率电机High Efficiency Motor 380V/50HZ	19-22
Model:TEV4	
超高效率电机Super High Efficiency Motor 380V/50HZ	23-25
Model:TEV5	

外形图Outline

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IMV1(TEV4)	91-100
IMB3(TEV5)	101-109
IMB5(TEV5)	110-115
IMB35(TEV5)	116-125
IMV1(TEV5)	126-135



技术数据

种类: 三相异步电动机
 设计依据: 国际电工委员会IEC60034; 中国国家标准GB755
 额定电压: 380V或其它电压
 额定频率: 50Hz或60Hz
 输出功率: 0.18-400kW
 工作制: 连续工作制
 机 号: 80-355C
 防护等级: IP55
 冷却方式: IC411
 绝缘等级: F级绝缘
 温升: S.F.1.0(50Hz)时采用阻风法考核定子绕组温升不超过80°C

安装方式: IMB3(水平脚座安装); IMB35(水平脚座安装带法兰); IMB5(水平法兰安装); IMV1(立式轴向下)及其它电动机参数和安装尺寸参照附表。

●能效等级符合中国国家标准GB18613-2020能效。频率50Hz以外不在国家能效认证范围。特性与IEC特性有所差异,本表以GB特性为准

适用条件

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

使用场所: 室内、无危险气体环境
 环境温度: -15-40°C
 环境湿度: 相对湿度90%以下(但不能凝露)
 海拔高度: 海拔1000m以下
 传动方式: 皮带轮传动, 但是2P 45kW及以上, 4、6&8P F#280及以上使用联轴器。

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

启动方式: 全压直接启动或Y-启动
 涂装: GB3(IE3)蓝色 Munsell 5PB 3/8
 GB2(IE4)浅灰色NO.700 Munsell N5
 GB1(IE5)马达灰Munsell 7.5B 3.5/0.5

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

TECHNICAL DATA

Class: Three phase induction motors
 Design standard: IEC60034 GB 755
 Rated voltage: 380V or other voltage
 Rated frequency: 50Hz or 60Hz
 Output range: 0.18-400kW
 Time duty: Continuous S1(S.F1.0)
 Frame Nos: 80-355C
 Protection enclosure: Totally enclosed(IP55)
 Cooling method: Self external fan, surface cooling(IC411)
 Stator insulation: Class F insulation system
 Temperature rise: Not to Exceed 80 c Rise by Resistance Method at S.F1.0(50Hz)

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

●GB18613-2020,Frame frequency beyond 50Hz is not the part of GB. If GB character does not correspond to IEC, GB character governs.

APPLICATION

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

Place: In door-Non-hazardous
 Ambient temperature: -15-40C
 Relative humidity: Less than 90%RH(Non-condensation)
 Altitude: Less than 1,000 meters
 Drive method:Belt Service,However,2 Pole 45 kW and Up, 4、6&8Pole F# 280 and Above Coupling Service is the Way.
 Direction of rotation: CW According to IEC Definition, Suitable For Bi-Directional Operation.

Method of starting: Full voltage direct on line or Y-starting
 painting: GB3(IE3) Purple-Munsell 5PB 3/8
 GB2(IE4) Light-Gray-NO.700 Munsell N5
 GB1(IE5) Motor-Gray Munsell 7.5B 3.5/0.5

Requirement: Basically,the coupling and belt should be heated pushed onto the shaft extension with slight axial fora.Do not hammer to prevent bearing damage.if need special requirem further discussion will be demanded

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

电机特点

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

采用东元F级绝缘,耐温度高,抗电冲击强,绝缘寿命长,在恶劣环境下也能胜任

使用著名品牌之轴承,著名钢厂之硅钢片,性能更具保障

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

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

注:

自2021年3月起东元电机中小型电机,某些机种已经开始加装VB-100 自带屏智慧测振仪,提供即时振动运转数值、振动健康指数预知马达检修时程,让您的工厂设备智慧升级,不停工、不怠歇,随时处于最佳产能状态。

CHARACTER

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

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

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

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

智慧顯示



手機掃描QR code 即取碼

1. 量測的健康指數說明
2. 對應的維修時程



正常 H6 ~ H9 穩定顯示
 超標 H1 ~ H5 閃爍顯示



振动 Vibration

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

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

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

最高转速 Max.rpm

鼠笼型感应电动机的安全运行转速

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

电压1000V及以下三相笼型感应电动机最大安全运行转速

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

注：当电动机高于额定转速以上运行时，例如，当应用调速控制时，其噪声和振动强度将会增大。要求电动机做精确的校正以满足在额定转速以上的加速能力。此外，轴承寿命可能会降低。应注意加速的间隔时间补充润滑油及其寿命。
—仅供参考

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

单位为转/每分钟rpm/min

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

油脂寿命 Grease life (Horizontal installation)

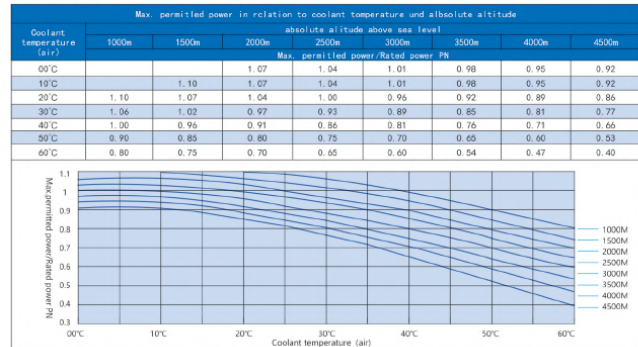
机座号 Frame Size	极数 Poles	润滑油寿命 Grease lifetime up to CT 40°C
免加润滑油型轴承的润滑油 Grease for permanent lubrication bearing		
80-225	2, 4, 6, 8	20000小时 (h) (B3安装)
可再润滑型轴承的润滑油 Grease for regreassable bearing		
250-280	2	3000小时 (h)
250-280	4, 6, 8	8000小时 (h)
315-355	2	2000小时 (h)
315-355	4, 6, 8	4000小时 (h)

注：
1. 当环境温度每升高10°C，润滑油寿命以及再润滑时间缩短一半。
2. 20000h apply to horizontally installed motors with coupling transmission. 22000h apply to horizontally installed motors with coupling transmission.



海拔 Site altitude above sea level

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

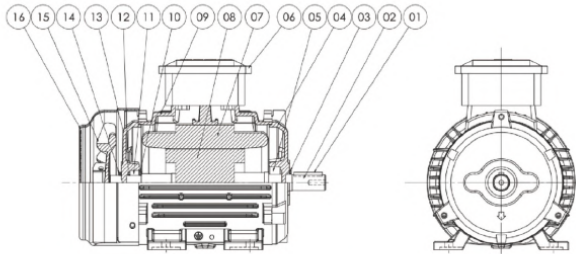


备注：高海拔地区，因空气稀薄，散热效果差。为防止马达过热烧毁，故须降低转速，保证马达能正常运转。
Note: In high altitude areas, due to the thin air, the effect of cooling is bad. The temperature rise must be decreased to prevent the motors from destroyed over temp to ensure the motors to run safely.

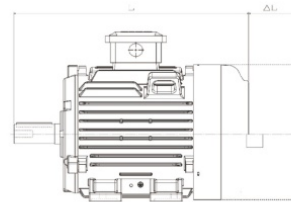
安装方式 (IM)

模型脚安装	双型凸缘安装		坐卧两用安装
IM 1001 (IM B3) 水平轴 脚踏地		IM 3001 (IM B5) 水平轴 D Flange	IM 2001 (IM B35) 水平轴 脚踏地
IM 1051 (IM B6) 水平轴 轴端向左侧端壁		IM 3011 (IM V1) 垂直轴 轴端向下 D Flange	IM 2011 (IM V15) 垂直轴 轴端向下脚踏端壁 D Flange
IM 1061 (IM B7) 水平轴 轴端向右侧端壁		IM 3031 (IM V3) 垂直轴 轴端向上 D Flange	IM 2031 (IM V36) 垂直轴 轴端向上脚踏端壁 D Flange
IM 1071 (IM B8) 水平轴 脚踏天花板		IM 3601 (IM B14) 水平轴 C Flange	IM 2101 (IM B34) 水平轴 脚踏地 C Flange
IM 1011 (IM V5) 垂直轴 轴端向下脚踏端壁		IM 3611 (IM V18) 垂直轴 轴端向下 C Flange	IM 2111 (IM V17) 垂直轴 轴端向下脚踏端壁 C Flange
IM 1031 (IM V6) 垂直轴 轴端向上脚踏端壁		IM 3631 (IM V19) 垂直轴 轴端向上 C Flange	IM 2131 (IM V37) 垂直轴 轴端向上脚踏端壁 C Flange

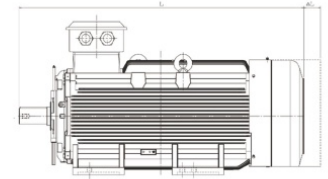
剖面图 Profile



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



Fr#80~280

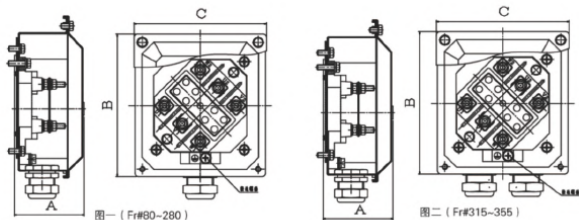


Fr#315~355

独立驱动风扇技术参数									
机座号 Frame size	极数 Pole	电压 Voltage	频率 Frequency (Hz)	功率 Rated output (W)	电流 Current Noise(A)	转速 Speed (r/min)	风量 Fan Power (m³/h)	风压 Fan Pressure (Pa)	▲L (mm)
80	2-8P	380V	50	35	0.1	2800	56	60	105.5
90	2-8P	380V	50	35	0.1	2800	91	80	108
100	2-8P	380V	50	40	0.1	2800	142	80	100
112	2-8P	380V	50	45	0.1	2800	229	80	82.5
132	2-8P	380V	50	45	0.25	1400	337	35	121
160	2-8P	380V	50	50	0.25	1400	609	40	105
180	2-8P	380V	50	75	0.25	1400	686	55	119
200	2-8P	380V	50	100	0.3	1400	1679	65	110
225	2-8P	380V	50	120	0.35	1400	1786	70	171.5
250	2-8P	380V	50	230	0.7	1400	1813	80	167.5
280	2-8P	380V	50	250	0.75	1400	2415	85	104.5
315	2-8P	380V	50	450	1.3	1390	6200	180	120(155) 104(132ML)
355	2-8P	380V	50	650	1.9	1390	6500	180	101(359ML) 85(305C)

备注：强冷扇参数仅供参考，不同供应商提供的产品，参数会略有变化

接线盒资料(钢板材质) Terminal box data
加热器参数 Space Heater



图一 (Fr#90-280)

图二 (Fr#315-355)

机座号 Frame Size	接线盒技术参数							外形尺寸Outline(mm)			外形尺寸Outline(mm)			防潮加热带电气参数
	端子数 Number of terminals	接线螺钉 Contact Screw Thread	外接电缆直径 Outer cable Diameter (sealing range)	进线孔尺寸 (裕量) Cable entry size	进线孔 数量	TEV3&TEV4			TEV5			防潮加热带型号 spaces heater type		
						A	B	C	A	B	C			
80	6	M4	6-12	φ21	1	60	110	110	81.5	166	160	1 φ . 220 . 20W		
90														
100														
112														
132	6	M5	12-18	φ26	1	68.5	127	120	81.5	166	160	1 φ . 220 . 30W		
160						1 φ . 220 . 40W								
180														
200														
225														
250						6	M8	31-11	φ52	1	89.5	215	199	115.5
280	1 φ . 220 . 60W													
315														
355	6	M16	45-52	φ75+75	2	188	408	372	188	408	372	1 φ . 220 . 200W		

噪声 Noise levels



功率 KW	同步转速 r/min			
	3000 (2 级)	1500 (4 级)	1000 (6 级)	750 (8 级)
	dB (A) L _{wa} /L _{pa}			
0.55	/	66/56	63/53	63/53
0.75	78/68	66/56	63/53	64/54
1.1	78/68	66/56	63/53	64/54
1.5	78/68	66/56	64/54	70/60
2.2	78/68	70/60	70/60	71/61
3	82/72	70/60	73/63	71/61
4	83/73	72/62	73/63	72/61
5.5	85/75	75/65	73/63	72/61
7.5	85/75	75/65	73/62	72/61
11	87/76	77/66	73/62	76/65
15	87/76	77/66	77/66	79/68
18.5	87/76	80/69	80/69	79/68
22	88/77	80/69	80/69	79/68
30	90/79	83/72	80/69	80/68
37	90/79	84/73	82/70	82/70
45	92/81	84/73	85/73	82/70
55	92/80	85/73	85/73	88/83
75	94/76	88/76	89/84	88/82
90	94/82	88/76	89/83	88/81
110	98/93	94/89	89/82	88/81
132	98/92	94/88	89/82	92/84
160	98/92	94/87	94/86	92/84
200	98/91	94/87	94/86	92/84
250	100/92	95/87	94/86	92/84
315	100/92	95/87	94/86	/

备注:

L_{pa}-声压级

L_{wa}-声功率级

测试距离为1M
在50HZ电源供电下, 容差为±3dB

L_{pa}-sound pressure level

L_{wa}-sound power level

1M away from the motor
Standard rated output at 50Hz, and the tolerance is ±3dB

铭板信息 Nameplate

TECO 三相异步电动机	
型 号	TEV3 30M-4
极 数	4
额定电压	1 hp, 0.75 kW
额定功率	220/380 V
额定电流	3.25/1.98 A
额定转速	1410 r/min
效率	81%
功率因数	0.735
绝缘等级	F
设计号	Q/2021TA0708-2012
制造厂	无锡东元电机有限公司

3C铭板

TECO 三相异步电动机	
MODEL	TEV3 250M-4
POLES	4P
OUTPUT	75 hp 55 kW
Hz	50 Hz
VOLTS	380/660 V
AMP S	101/59.2 A
r/min	1485 r.p.m
EFF	94.6%
cosφ	0.875
BEARINGS	6315-2/6313-2
DESIGN No.	Q/2021TA0708-2012
制造厂	无锡东元电机有限公司

中英文铭板

TECO 3-PHASE INDUCTION MOTOR	
MODEL	TEV3 250M-4
POLES	4P
OUTPUT	75 hp 55 kW
Hz	50 Hz
VOLTS	380/660 V
AMP S	101/59.2 A
r/min	1485 r.p.m
EFF	94.6%
cosφ	0.875
BEARINGS	6315-2/6313-2
DESIGN No.	Q/2021TA0708-2012
制造厂	无锡东元电机有限公司

全英文铭板 (仅限外销使用)

轴承温升 Bearing temperature rise



注意!

轴承温升的高低比轴承本身实际温度更能反映出问题的状况。

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

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

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

ATTENTION!

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

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

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

Recommended limits on bearing temperatures are as follows:

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

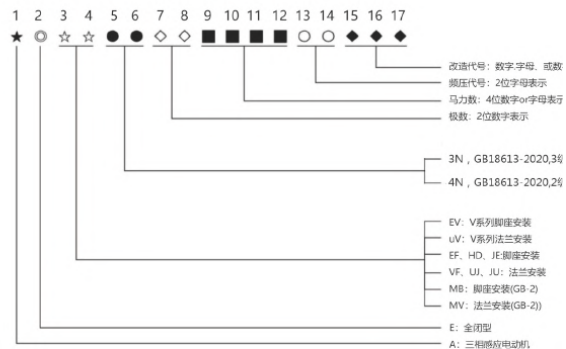
TECO				
BEARING LUBRICATED AT FACTORY RE-LUBRICATE AS PER BELOW				
FRAME NO.	BEARING TYPE	VOLUME	INTERVAL	GREASE
F#160-200	6307-6313	30g	2000 HOURS	MOBIL PLOYREX EM
F#225-280	6313-6318	50g		
F#315-355	6320-6328	80g		

标准:TEV3&TEV4 F#250(含)开始注油

润滑油铭板

TEV5 F#160(含)开始注油

产品编号 Product Code



G83/IE3-Model : TEV3 TypeAEEV3N/AEUV3N
 G82/IE4-Model : TEV4 TypeAEEV4N/AEUV4N
 G81/IE5-Model : TEV5 TypeAEEV5N/AEUV5N



東元產品改造代碼對照表

15-17碼代號	描述
---	標準
004	鋁製外扇, 不銹鋼拉不脫, 出廠接380v
B02	出線口朝風罩
B03	V系列T箱在頂, 但出線孔靠左(軸向)
BN-	使用F3鋁鐵接線盒
BNS	鑄鐵T箱(兩個出線孔, 一個拉不脫+一個賽頭), 鋁製散熱扇, 不銹鋼拉不脫
CF-	C-Face Flange (小法蘭)
D01	出廠接低壓
FAN	鋁質外扇
G01	出廠接高壓
-H-	H級絕緣
-L1	長引線1000mm, T箱另附, 壓接端子
-L2	長引線1500mm, T箱另附, 壓接端子
-L3	長引線3000mm, T箱另附, 壓接端子
-L4	長引線2000mm, T箱另附, 壓接端子
LC-	座限兩用 (D 座型) --IM B35
LG-	加注油嘴
NP-	全英文銘牌
NP1	金屬拉不脫, 全英文銘牌
NP2	全英文銘牌, 出廠接高壓
NPF	SKF軸承, 全英文銘牌
PA-	IP56
PA5	IP65
PAR	主電機IP56, 接線盒防護IP66, 銘板打IP56
Q-	標準 (僅針對AEEVJ3)
RO-	V系列側出線 (面向軸端T箱在右)
R1-	V系列側出線 (面向軸端T箱在左)
S1-	NSK軸承
S1A	日本軸承
S1F	SKF軸承
SA-	雙軸
SN2	軸材質鈣鉻鋼
SN3	軸材質鈣鉻鋼+調質處理
TH-	附電熱器(單相, 220V)
TH6	鋁合金風葉, 加防潮加熱帶
TL-	附熱阻體 (PTC160) -3PCS/SET
TP-	附熱保護器 (145°C)
VS-	自冷變頻處理 (二次凡立水+熱保護器-145°C)
VS6	馬達在頂, 出線口朝風罩, 自冷變頻處理 (二次凡立水+熱保護器-145°C)
W01	內型, 附防雨罩
Y02	噴噴底漆, 不噴面漆
YB9	SKF軸承, 中海蓋 (B12)
YF-	自然冷卻型 (無風扇風罩)
YFB	SKF軸承, 引線長1M, T箱另附, 無葉無罩

包装 Package

1. 纸箱包装

机座号 Fr#80 到 Fr#112 的包装为纸箱，如下图：



2. 木条箱包装

机座号 Fr#132到Fr#355的包装为木条箱，如下图：



东元电机的包装也在不断的改进和更新中，如有更改，恕不另行通知。

特性表 Data Sheet

N系列标准电机 (Nstandard Motors)

Model: TEV3



380V 50HZ
GB18613-2020GB3 (IE3)

2极

OUTPUT		EFFICIENCY					POWER FACTOR			CURRENT		TORQUE				ROTOR	NOISE	APPROX
kW	hp	FULL LOAD	FRAME NO.	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	GD ²	SOUND PRESSURE NO. LOAD	WEIGHT
		rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg
0.75	1	2875	80M	80.7	78.3	75.1	83.5	77.0	85.5	1.69	780	0.254	280	275	335	0.006	69	16.0
1.1	1.5	2670	80M	82.7	83.0	81.3	85.0	78.5	86.5	2.36	800	0.373	300	295	350	0.007	69	17.5
1.5	2	2650	90S	84.2	85.4	85.8	90.5	87.0	78.0	2.99	900	0.512	220	210	280	0.012	69	22.0
2.2	3	2860	90L	85.9	86.7	86.8	89.5	85.0	75.5	4.35	850	0.748	245	235	315	0.014	69	24.5
3	4	2855	100L	87.1	88.3	88.4	90.0	86.5	78.5	5.81	880	1.022	255	240	355	0.023	73	37.0
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	0.048	73	43.0
5.5	7.5	2930	132S	89.2	89.6	89.5	96.0	84.0	77.5	10.9	800	1.826	205	205	340	0.075	75	59.5
7.5	10	2920	132S	90.1	90.9	90.8	87.0	84.5	77.5	14.5	725	2.489	195	195	315	0.081	75	65.0
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	96.0
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	109
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	128
22	30	2940	180M	92.7	92.7	92.5	87.0	85.0	77.0	41.4	760	7.281	225	180	275	0.263	78	152
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	226
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	255
45	60	2960	225M	94.0	94.0	93.5	91.0	91.0	88.0	79.9	810	14.79	150	140	290	1.167	81	290
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	410
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	505
90	125	2970	280M	95.0	95.0	94.0	90.5	90.0	82.5	159	830	29.53	150	135	285	2.463	83	571
110	150	2970	315S	95.2	95.0	94.3	91.0	89.5	85.6	193	834	36.09	230	200	280	3.200	86	680
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	908
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	1010
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	1100
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	1414
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	1748
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. 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

N系列标准电机 (Nstandard Motors)
Model: TEV3

380V 50HZ
GB18613-2020GB3(IE3)
4极



特性表 Data Sheet

N系列标准电机 (Nstandard Motors)
Model: TEV3

380V 50HZ
GB18613-2020GB3(IE3)
6极

OUTPUT		EFFICIENCY						POWER FACTOR			CURRENT				TORQUE			ROTOR NOISE APPROX	
kW	hp	FULL LOAD	FRAME NO.	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	GD ²	SOUND PRESSURE NO. LOAD	WEIGHT	
		rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	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	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	17.0	
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	22.0	
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	24.5	
2.2	3	1460	100L	86.7	87.2	86.2	77.5	70.5	59.0	4.97	805	1.468	220	185	255	0.044	61	33.0	
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	42.0	
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	0.053	62	47.0	
5.5	7.5	1455	132B	89.6	90.4	90.3	85.0	80.5	70.0	11.0	735	3.678	245	200	300	0.132	65	63.0	
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	69.0	
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	110	
15	20	1460	160L	92.1	92.5	92.5	85.0	81.5	71.4	29.1	810	9.997	250	195	285	0.450	67	127	
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	160	
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	176	
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	235	
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	290	
45	60	1480	225M	94.2	94.5	94.0	85.0	80.0	70.4	85.4	735	29.26	210	175	290	1.979	73	319	
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	426	
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	550	
90	125	1490	280M	95.2	95.2	94.7	85.0	81.0	71.3	169	780	59.26	175	165	300	6.112	77	615	
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	731	
132	175	1485	315M	95.6	95.5	94.8	87.5	85.0	79.0	240	700	86.62	180	170	230	10.40	82	1000	
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	1035	
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	1165	
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	1564	
315	420	1487	355L	96.0	95.8	95.3	87.0	84.5	77.5	573	740	206.4	180	170	200	31.20	82	1620	
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. Noise : sound pressure level at no -load, dB(A), Tolerance + 3 dB(A)
5. Data subject to change without notice.

OUTPUT		EFFICIENCY						POWER FACTOR			CURRENT				TORQUE			ROTOR NOISE APPROX	
kW	hp	FULL LOAD	FRAME NO.	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	GD ²	SOUND PRESSURE NO. LOAD	WEIGHT	
		rpm	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	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	19.5	
0.55	0.75	905	80M	77.2	69.9	66.4	69.0	58.0	44.5	1.57	420	0.561	210	195	225	0.015	54	21.5	
0.75	1	935	90S	78.9	80.8	79.4	71.0	62.5	49.0	2.03	470	0.760	205	190	225	0.022	54	26.0	
1.1	1.5	930	90L	81.0	81.2	80.5	72.0	63.5	50.0	2.87	490	1.151	200	185	215	0.028	54	33.0	
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	0.056	55	45.0	
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	60.0	
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	64.0	
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	0.162	63	83.0	
5.5	7.5	970	132M	88.0	88.0	86.2	79.5	72.5	60.0	11.9	780	5.517	210	205	300	0.216	63	94.0	
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	120	
11	15	970	160L	90.3	91.0	90.5	78.0	72.0	60.5	23.7	755	11.03	285	255	285	0.628	63	134	
15	20	970	180L	91.2	92.0	92.0	78.0	68.0	60.5	30.5	690	15.05	215	165	330	1.337	67	177	
16.5	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	243	
22	30	975	200L	92.2	93.0	93.5	81.5	77.0	68.0	44.5	720	21.95	210	185	240	2.078	69	263	
30	40	980	225M	92.9	93.5	93.5	83.5	80.0	76.5	58.8	600	29.79	200	160	215	3.023	69	333	
37	50	980	250M	93.3	94.0	94.0	85.0	81.5	75.0	70.9	730	38.74	230	200	250	4.194	71	410	
45	60	985	280S	93.7	93.7	93.0	81.5	77.5	67.5	89.5	690	44.22	165	175	285	5.530	74	488	
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	547	
75	100	985	315S	94.6	94.5	93.7	84.5	81.0	71.0	143	700	74.20	200	180	280	9.800	77	801	
90	125	985	315M	94.9	94.9	94.2	85.0	82.5	75.0	170	704	89.04	200	180	250	15.20	77	865	
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	1040	
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	1091	
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	1414	
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	1664	
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	1864	
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. 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

N系列标准电机 (Nstandard Motors)
Model: TEV3

380V 50HZ
GB18613-2020GB3(IE3)
8极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR NO-LOAD	NOISE PRESSURE NO-LOAD	APPROX WEIGHT
kW	hp			FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN			
		rpm	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg·m	%FLT	%FLT	kg·m ²				
0.18	0.25	705	80M	58.7	58.5	51.0	48.0	40.0	32.0	0.97	330	0.249	280	200	280	0.013	54	17.0
0.25	0.33	680	80M	64.1	63.0	56.0	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	56.0	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	24.5
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	4.063	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	0.870	62	144
11	15	720	190L	88.8	89.6	88.1	76.0	73.0	62.0	24.2	565	14.87	170	150	210	1.273	66	187
15	20	730	200L	89.8	89.9	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	90.8	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	48.86	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	96.93	160	150	225	10.800	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	180	150	230	28.80	76	1056
132	175	738	355M	94.0	94.0	93.0	80.0	76.3	66.2	266.7	680	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	40.60	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	51.80	79	1675
250	335	738	355C	94.8	94.8	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.
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

高效率电机 (High Efficiency Motor)
Model: TEV4

380V 50HZ
GB18613-2020GB2(IE4)
2极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR NO-LOAD	NOISE PRESSURE NO-LOAD	APPROX WEIGHT
kW	hp			FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN			
		rpm	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg·m	%FLT	%FLT	kg·m ²				
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	0.008	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	980	1.344	360	330	390	0.058	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	0.078	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	78.5	34.1	930	6.102	270	215	350	0.250	77	136
22	30	2950	190M	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	468
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	81.88	130	115	230	13.60	87	1900
315	420	2975	355L	96.5	96.4	95.8	90.0	89.0	85.0	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

高效率电机 (High Efficiency Motor)

Model: TEV4

380V 50HZ
GB18613-2020GB2(IE4)
4极

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT				TORQUE				ROTOR GD ²	NOISE PRESSURE NO. (dB(A))	APPROX. WEIGHT (kg)
kW	hp			FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	BREAK DOWN	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	kg·m ²			
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	20.8		
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	31.8		
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	92.8	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	86.0	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	76.04	160	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	285	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	163.0	170	150	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

高效率电机 (High Efficiency Motor)

Model: TEV4

380V 50HZ
GB18613-2020GB2(IE4)
6极



OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT				TORQUE				ROTOR GD ²	NOISE PRESSURE NO. (dB(A))	APPROX. WEIGHT (kg)
kW	hp			FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	BREAK DOWN	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	kg·m ²			
0.75	1	950	90S	82.7	82.4	81.0	68.0	58.0	45.0	2.03	625	0.788	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	14.69	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	73.0	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	200	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	28.00	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.

特性表 Data Sheet

高效率电机 (High Efficiency Motor)

Model: TEV4

380V 50HZ

GB18613-2020GB2(IE4)

8极

OUTPUT		FULL LOAD	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR	NOISE	APPROX.	
kW	hp		FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	GD ²	SOUND PRESSURE NO. LOAD	WEIGHT	
		/rpm	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg		
0.75	1	710	100L	78.4	77.2	74.6	58.5	51.0	39.5	2.48	330	1.028	150	110	170	0.041	54	37.0
1.1	1.5	705	100L	80.8	81.4	80.0	64.0	55.5	43.0	3.23	485	1.518	170	130	200	0.052	54	41.0
1.5	2	705	112M	82.6	83.3	82.2	64.0	57.0	45.0	4.31	485	2.070	170	140	200	0.080	60	55.0
2.2	3	710	132S	84.5	84.3	82.6	65.5	56.5	42.5	6.04	505	3.015	220	210	270	0.138	61	67.0
3	4	710	132M	85.9	86.3	85.4	65.5	56.0	42.5	8.10	570	4.111	220	210	270	0.190	61	76.0
4	5.5	720	160M	87.1	87.2	85.6	71.0	62.5	49.0	9.83	570	5.406	200	170	260	0.363	62	110
5.5	7.5	715	160M	88.3	89.2	87.3	73.0	65.0	52.0	13.0	695	7.485	200	160	240	0.503	62	130
7.5	10	725	180L	89.3	89.2	87.9	73.0	65.0	51.5	17.5	660	10.07	180	150	240	0.670	62	155
11	15	720	180L	90.4	91.3	91.5	77.5	73.0	63.0	23.9	660	14.87	180	150	220	1.278	66	195
15	20	735	200L	91.2	91.8	91.1	77.5	73.0	62.5	32.2	660	19.86	190	170	200	2.268	68	270
18.5	25	735	225S	91.7	91.8	90.7	78.0	71.0	58.0	39.3	705	24.49	180	170	230	3.561	68	322
22	30	735	225M	92.1	92.3	91.4	78.0	71.0	58.0	46.5	705	29.12	160	170	230	4.200	68	365
30	40	735	250M	92.7	93.0	92.7	78.0	72.0	60.5	63.0	720	39.71	180	170	230	6.011	69	481
37	50	737	280C	93.1	93.2	92.4	78.0	72.0	60.5	77.4	720	48.85	180	170	240	6.837	71	580
45	60	737	280M	93.4	93.5	92.7	78.0	72.0	60.5	93.9	720	59.41	180	170	240	8.080	71	620
55	75	738	315S	93.7	93.8	92.7	78.5	74.0	63.5	113.6	750	72.51	180	170	240	15.63	78	850
75	100	738	315M	94.2	94.2	93.4	78.5	74.0	63.5	154.1	750	98.88	180	170	240	21.77	78	980
90	125	740	315L	94.4	94.4	93.5	79.0	74.5	64.0	183.4	750	118.34	140	140	240	21.72	78	1120
110	150	740	315L	94.7	94.7	93.8	79.0	75.0	66.0	223.4	750	144.64	140	140	240	31.76	78	1240
132	175	742	355M	94.9	94.7	93.8	79.0	73.0	62.0	267.5	750	173.09	140	140	240	45.98	80	1750
160	215	742	355M	95.1	95.1	94.5	79.0	73.5	63.5	323.6	750	209.81	140	140	240	57.47	80	1950
200	270	742	355L	95.4	95.4	94.9	80.0	75.5	65.5	398.2	750	262.26	140	140	240	88.97	80	2250

NOTE:

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



特性表 Data Sheet

超高效率电机 (Super High Efficiency Motor)

Model: TEV5

380V 50HZ

GB18613-2020 GB1(IE5)

2极

OUTPUT		FULL LOAD	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR	NOISE	APPROX.	
kW	hp		FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	GD ²	SOUND PRESSURE NO. LOAD	WEIGHT	
		/rpm	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	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	90S	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
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

- Tolerance according to GB 755, IEC 60034-1.
- Breakdown & Locked rotor torques are show as average expected voltages.
- Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
- Noise : sound pressure level at no - load, dB(A). Tolerance + 3 dB(A)
- Data subject to change without notice.

特性表 Data Sheet

超高效率电机 (Super High Efficiency Motor)

Model: TEV5

380V 50HZ

GB18613-2020 GB1(IE5)

4极



特性表 Data Sheet

超高效率电机 (Super High Efficiency Motor)

Model: TEV5

380V 50HZ

GB18613-2020 GB1(IE5)

6极

OUTPUT		EFFICIENCY						POWER FACTOR			CURRENT				TORQUE				ROTOR		NOISE		APPROX.
kW	hp	FULL LOAD	FRAME NO.	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	GD ²	SOUND PRESSURE NO. LOAD	WEIGHT					
		rpm	NO.	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg·m	%FLT	%FLT	%FLT	kg·m ²	dB(A)	kg					
0.75	1	1440	80M	88.2	88.2	86.4	71.0	61.5	49.5	49.5	930	0.508	300	250	350	0.023	57	22.0					
1.1	1.5	1455	90S	89.5	89.8	88.7	77.0	69.5	56.0	56.0	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	56.5	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	57.5	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	59.0	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	58.0	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	62.0	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	61.5	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	70.0	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	66.0	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	71.0	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	71.5	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	71.5	860	19.69	280	215	300	2.556	72	389					
37	50	1485	225S	96.1	95.9	95.3	87.0	83.0	74.0	74.0	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	75.0	850	29.53	290	235	320	5.214	73	512					
55	75	1485	250M	96.5	96.5	95.8	87.0	82.5	73.5	73.5	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	72.0	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	72.0	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	74.0	780	71.94	180	150	280	17.60	82	1460					
132	175	1490	315M	97.1	97.0	96.6	87.5	83.8	74.8	74.8	780	86.33	180	150	280	19.60	82	1650					
160	215	1488	315L	97.2	97.1	96.7	88.4	85.0	77.0	77.0	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	75.0	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	84.0	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	83.0	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 power level at no - load, dB(A). Tolerance + 3 dB(A)

6. Data subject to change without notice.

OUTPUT		EFFICIENCY						POWER FACTOR			CURRENT				TORQUE				ROTOR		NOISE		APPROX.
kW	hp	FULL LOAD	FRAME NO.	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	GD ²	SOUND PRESSURE NO. LOAD	WEIGHT					
		rpm	NO.	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg·m	%FLT	%FLT	%FLT	kg·m ²	dB(A)	kg					
0.75	1	960	90S	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	96.0					
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	3.259	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	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 power level at no - load, dB(A). Tolerance + 3 dB(A)

6. Data subject to change without notice.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B3 (IM 1001)

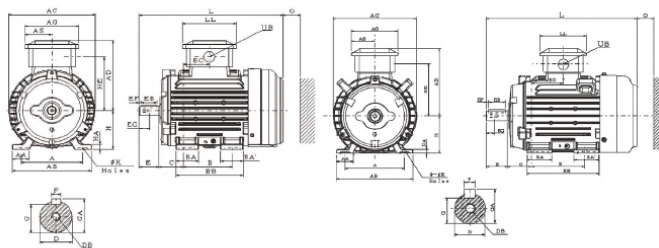


FIG.1

FIG.2

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	SHAFT EXTENSION													BEARING			
2P	4P	6P	8P			A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE
0.75	0.55	---	0.18	80M	1	125	34.5	161	177	152	110	55	100	---	46	46	137	53.5	50	80	10	115
1.1	0.75	0.55	0.25			140	40	180	197	162	110	55	100	---	67.5	67.5	161	69.5	56	90	10	125
1.5	1.1	0.75	0.37	90S	1	140	40	180	197	162	110	55	125	---	60.5	60.5	171	74.5	56	90	10	125
2.2	1.5	1.1	0.55			140	40	180	197	162	110	55	125	---	60.5	60.5	171	74.5	56	90	10	125
3	2.2	1.5	0.75	100L	2	160	40	200	219	178.5	127	63.5	140	---	66.5	66.5	181	72.5	63	100	12	138
---	3	---	1.1			160	40	200	219	178.5	127	63.5	140	---	66.5	66.5	181	72.5	63	100	12	138
4	4	2.2	1.5	112M	---	190	45	235	235	191	127	63.5	140	---	65.5	65.5	186	75	70	112	13	150.5

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	292	110	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ	
90S	10	344	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ	
90L	10	354	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ	
100L	12	391	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ	
112M	12	412.5	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ	

Note : 1. Tolerance of shaft end diameter D : j6.
 2. Tolerance of shaft center high H : +0, -0.5.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B3 (IM 1001)

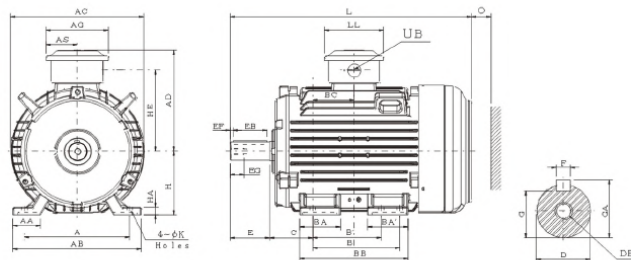


FIG.3

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	SHAFT EXTENSION													BEARING					
2P	4P	6P	8P			A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K	L
5.5	5.5	3	2.2	132S	3	216	57	263	273	209.5	127	63.5	140	---	64	64	184	65	89	132	16	168	12	456
7.5	---	---	---			216	57	263	273	209.5	127	63.5	178	140	83.5	83.5	222	64	89	132	16	168	12	494
---	7.5	4	3	132M	---	216	57	263	273	209.5	127	63.5	178	140	83.5	83.5	222	64	89	132	16	168	12	494
---	---	5.5	---			216	57	263	273	209.5	127	63.5	178	140	83.5	83.5	222	64	89	132	16	168	12	494

Note : 1. Tolerance of shaft end diameter D : k6.
 2. Tolerance of shaft center high H : +0, -0.5.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B3 (IM 1001)

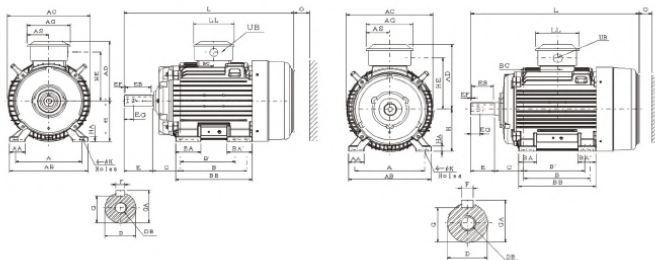


FIG.4

FIG.5

Dimension in mm

Output (kW)				FRAME	FIG.	Dimension in mm																	
2P	4P	6P	8P	SIZE	NO.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K
11	15	7.5	4	160M	4	254	60	300	317	234	166	83	210	---	57	57	250	105	108	160	18	192	14.5
18.5	15	11	7.5	160L	4	254	60	300	317	234	166	83	254	210	97	97	294	127	108	160	18	192	14.5
22	18.5	---	---	180M	5	279	65	330	354	266	166	83	241	---	65	65	292	120.5	121	180	20	218	14.5
---	22	15	11	180L	5	279	65	330	354	266	166	83	279	241	115	115	330	139.5	121	180	20	218	14.5

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

Note: 1. Tolerance of shaft end diameter D: ± 0.042 ; k6.

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

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

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

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B3 (IM 1001)

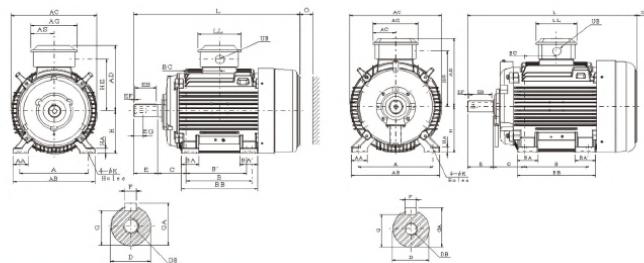


FIG.6

FIG.7

Dimension in mm

Output (kW)				FRAME	FIG.	Dimension in mm																	
2P	4P	6P	8P	SIZE	NO.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K
30	37	18.5	15	200L	6	318	70	378	398	304.5	215	107.5	305	---	82	82	353	152.5	133	200	24	241	18.5
---	37	---	---	225SC	6	356	75	431	449	330.5	215	107.5	286	---	98.5	98.5	371	143	149	225	28	267	18.5
45	---	---	---	225MA	6	356	75	431	449	330.5	215	107.5	311	298	110	110	396	155.5	149	225	28	267	18.5
---	45	30	22	225MC	6	356	75	431	449	330.5	215	107.5	311	298	110	110	396	155.5	149	225	28	267	18.5
55	---	---	---	250MA	7	406	85	480	499	372.5	249	124.5	349	---	112.5	112.5	425	174.5	168	250	30	300	24
---	55	37	30	250MC	7	406	85	480	499	372.5	249	124.5	349	---	112.5	112.5	425	174.5	168	250	30	300	24

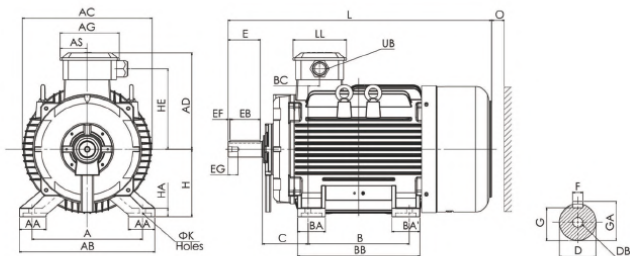
FRAME SIZE	L	LL	O	UB	SHAFT EXTENSION								BEARING		
					D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
200L	770	199	80	M50K1.5	55	110	100	5	42	18	49	59	M20	(6312ZZC3)	(6212ZZC3)
225SC	816	199	90	M50K1.5	60	140	125	7.5	42	18	53	64	M20	6312ZZ	6212ZZ
225MA	811	199	90	M50K1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3)	(6212ZZC3)
225MC	841	199	90	M50K1.5	60	140	125	7.5	42	18	53	64	M20	6313ZZ	6213ZZ
250MA	921	224	105	M63K1.5	60	140	125	7.5	42	18	53	64	M20	6313-ZC3	6313-ZC3
250MC	921	224	105	M63K1.5	65	140	125	7.5	42	18	58	69	M20	6315-Z	6313-Z

Note: 1. Tolerance of shaft end diameter D: m6.
 2. Tolerance of shaft center high H: $+0, -0.5$.
 3. Bearing No. In () is for 2P.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)				FRAME																	
2P	4P	6P	8P	SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	C	H	HA	HE	K
75	---	---	---	280SA	457	110	560	546	408.5	249	124.5	368	110	110	455	48	190	280	35	336	24
---	75	45	37	280SB	457	110	560	546	408.5	249	124.5	368	110	110	455	48	190	280	35	336	24
90	---	---	---	280MA	457	110	560	546	408.5	249	124.5	419	115	115	505	48	190	280	35	336	24
---	90	55	45	280MB	457	110	560	546	408.5	249	124.5	419	115	115	505	48	190	280	35	336	24

FRAME SIZE	L	LL	O	UB	SHAFT EXTENSION								BEARING		
					D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	1037.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280SB	1037.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	1087.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280MB	1087.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

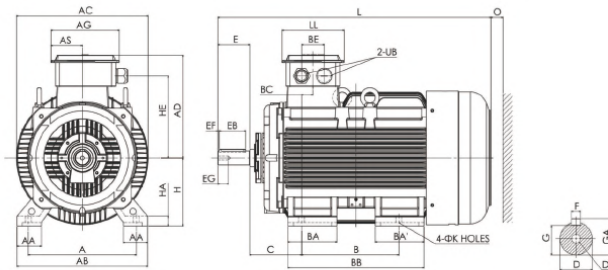
- Note :
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Shaft Center Height H; +0, -1
 3. Tolerance of Key Width F; h9
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)				FRAME																	
2P	4P	6P	8P	SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
110	---	---	---	315SA	508	115	615	590	456.5	318	144	406	180	180	580	53	106	216	315	35	359
---	110	75	55	315SB	508	115	615	590	456.5	318	144	406	180	180	580	53	106	216	315	35	359

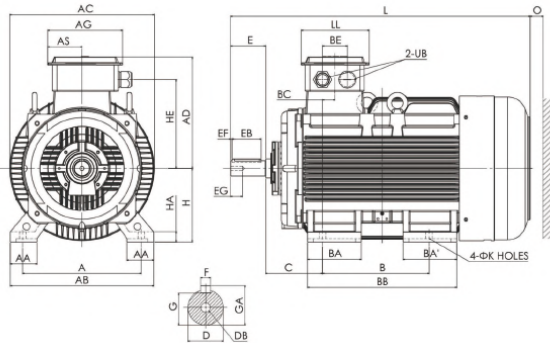
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING		
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315SA	28	1162	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	28	1192	288	180	M63X1.5	80	170	160	5	40	22	71	55	M20	6320C3	6316C3

- Note :
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Shaft Center Height H; +0, -1
 3. Tolerance of Key Width F; h9
 4. T-Box Assy with two cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)		FRAME SIZE		A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE	
2P	4P	6P	8P	315MA	508	130	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384
132	---	---	---	315MA	508	130	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384
---	132	90	75	315MB	508	130	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384

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	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315MB	28	1276	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

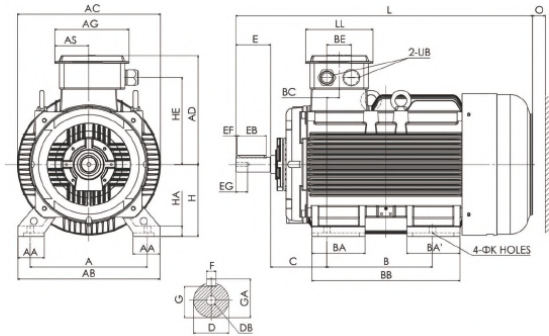
- Note:**
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Shaft Center Height H; +0, -1
 3. Tolerance of Key Width F; h9
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)				FRAME SIZE		A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	8P	315LA	508	130	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384	
160	---	---	---	315LA	508	130	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384	
---	160	110	90	315LB	508	130	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384	

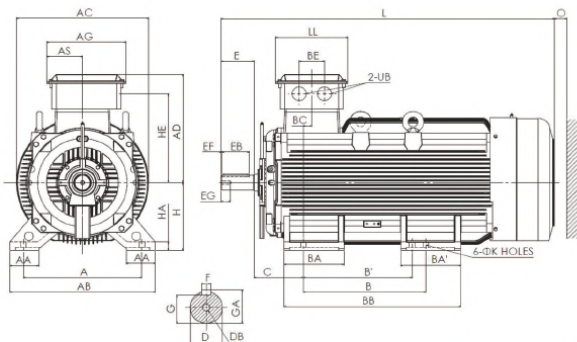
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION				BEARING						
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315LA	28	1346	288	180	M63X1.5	85	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315LB	28	1376	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

- Note :**
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Shaft Center Height H; +0, -1
 3. Tolerance of Key Width F; h9
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)				FRAME		A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	
2P	4P	6P	8P	SIZE																			
250	---	---	---	355MA	610	150	750	682	573	408	184	---	560	310	310	910	43	130	254	355	45		
---	250	160	132	355MB	610	150	750	682	573	408	184	---	560	310	310	910	43	130	254	355	45		
FRAME SIZE		HE	K	L	LL	O	SHAFT EXTENSION										BEARING						
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END		OPPOSITE					
																	DRIVE END		DRIVE END				
355MA		469	28	1832	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3		6317C3				
355MB		469	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3		6322C3				

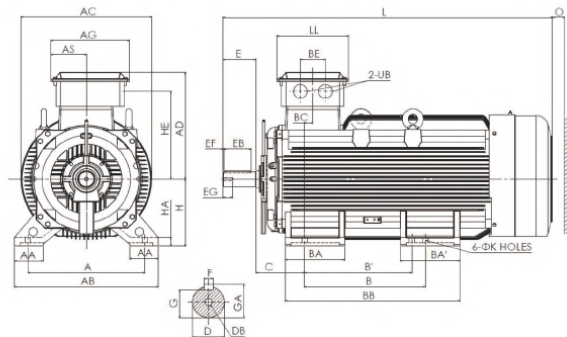
- Note:**
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Shaft Center Height H; +0, -1
 3. Tolerance of Key Width F; h9
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)				FRAME		A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	
2P	4P	6P	8P	SIZE																			
315	---	---	---	355LA	610	150	750	682	573	408	184	630	---	310	310	910	43	130	254	355	45		
---	315	250	200	355LB	610	150	750	682	573	408	184	630	---	310	310	910	43	130	254	355	45		
FRAME SIZE		HE	K	L	LL	O	SHAFT EXTENSION										BEARING						
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END		OPPOSITE					
																	DRIVE END		DRIVE END				
355LA		469	28	1832	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3		6317C3				
355LB		469	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3		6322C3				

- Note:**
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Shaft Center Height H; +0, -1
 3. Tolerance of Key Width F; h9
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B5 (IM 3001)

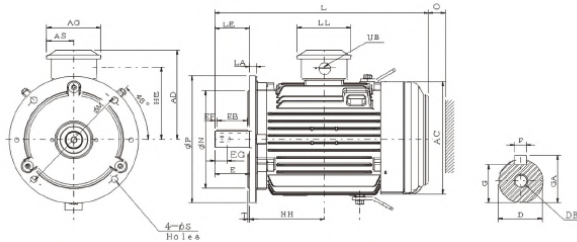


FIG.3

Dimension 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	1.5	0.75	100L		16	60	215	180	250	14.5	4	219	178.5	127	63.5	138	135.5	391	120	50	
4	4	2.2	1.5	112M		15	60	215	180	250	14.5	4	235	191	127	63.5	150.5	145	412.5	120	50	
5.5	7.5	3	2.2	132S	3	16	80	265	230	300	14.5	4	273	208.5	127	63.5	168	154	456	120	50	
---	7.5	4	3	132M		16	80	265	230	300	14.5	4	273	208.5	127	63.5	168	173	494	120	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	6309ZZ	6306ZZ	

- Note : 1. Tolerance of shaft end diameter D : $\phi 28 : j6$, $\phi 38 : k6$.
 2. Tolerance of N : j6.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B5 (IM 3001)

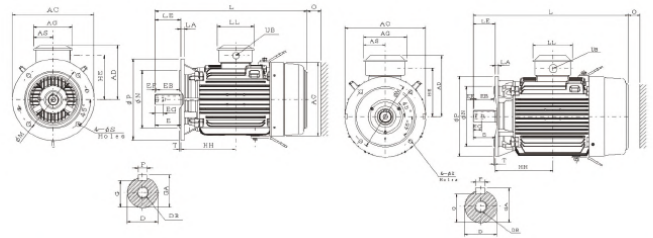


FIG.4

FIG.5

Dimension 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											
11	15	11	7.5	4	5.5	160M	4	15	110	300	250	350	18.5	5	350	234	166	83	192	213	608	160	60
18.5	15	11	7.5	160L		15	110	300	250	350	18.5	5	350	234	166			83	192	235	652	160	60
22	18.5	---	---	180M		15	110	300	250	350	18.5	5	354	266	166			83	218	241.5	672	160	70
---	22	15	11	180L	5	15	110	300	250	350	18.5	5	354	266	166			83	218	260.5	710	160	70
30	37	30	18.5	22	15	200L	17	110	350	300	400	18.5	5	400	304.5	215		107.5	241	285.5	770	199	80

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

- Note : 1. Tolerance of shaft end diameter D : a) $\phi 42 \sim \phi 48 : k6$; b) $\phi 55 : m6$.
 2. Tolerance of N : j6
 3. Bearing No. In () is for 2P. 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B5 (IM 3001)

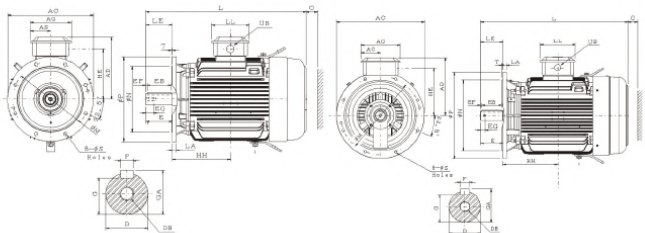


FIG.6

FIG.7

Dimension 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							
---	37	---	---	18.5	225SC	20	140	400	350	450	18.5	5	450	330.5	215	107.5	267	292	816
45	---	---	---	225MA	6	20	110	400	350	450	18.5	5	450	330.5	215	107.5	267	304.5	811
---	45	30	22	225MC		20	140	400	350	450	18.5	5	450	330.5	215	107.5	267	304.5	841
55	---	---	---	250MA	7	22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921
---	55	37	30	250MC		22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921

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

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

2. Tolerance of N : j6.

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

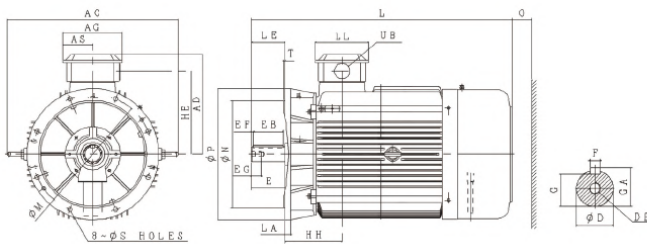
4. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)	FRAME				FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
	2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S							
75	---	---	---	280SA	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1037.5
---	75	45	37	280SB	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1037.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1087.5
---	90	55	45	280MB	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1087.5

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

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

2. Tolerance of Key Width F; h9

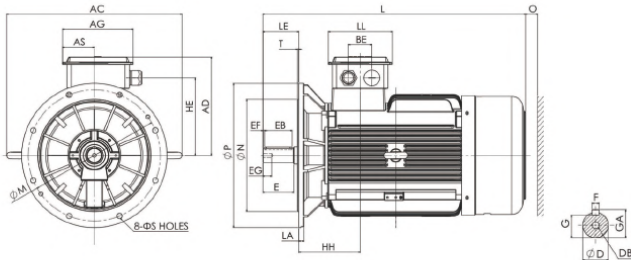
3. Tolerance of N : j6

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

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION																		
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O
110	---	---	---	315SA	25	140	600	550	660	24	6	715	450.5	318	144	106	359	269	1162	298	180
---	110	75	55	315SB	25	170	600	550	660	24	6	715	456.5	318	144	106	359	269	1192	288	180
		FRAME	UB	SHAFT EXTENSION									BEARING								
		SIZE		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				

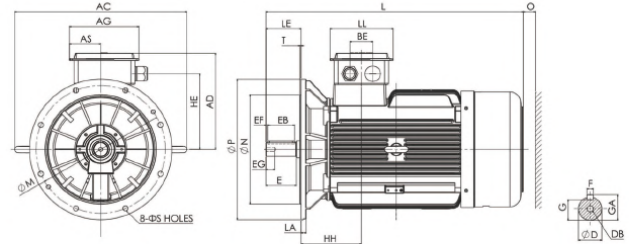
- Note :
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Key Width F; h9
 3. Tolerance of N : js6
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION																		
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O
132	---	---	---	315MA	25	140	600	550	660	24	6	769	481.5	318	144	106	384	269	1246	288	190
---	132	90	75	315MB	25	170	600	550	660	24	6	769	481.5	318	144	106	384	269	1276	288	190
		FRAME	UB	SHAFT EXTENSION									BEARING								
		SIZE		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END				OPPOSITE DRIVE END				
		315MA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3				6314C3				
		315MB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3				6316C3				

- Note :
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Key Width F; h9
 3. Tolerance of N : js6
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B35 (IM 2001)

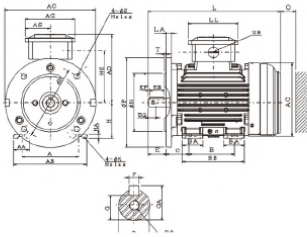


FIG.1

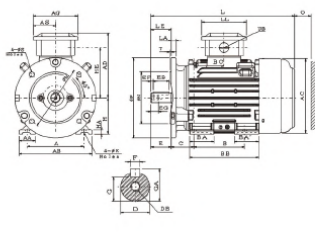


FIG.2

Dimension in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION													SHAFT EXTENSION													BEARING						
2P	4P	6P	8P			SIZE	NO.	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	D	E	EB	EF	EG	F	G	GA	DB
0.75	0.55	---	0.18	80M	1	12	40	165	130	200	12	3.5	125	34.5	161	177	152	110	55	100	---	46	46	137	53.5	50	60	19	40	32	4	16	8	15.5	21.5	M6	6204ZZ	6203ZZ
1.1	0.75	0.55	0.26																																			
1.5	1.1	0.75	0.37	90S	2	12	50	165	130	200	12	3.5	140	40	180	197	162	110	55	100	---	67.5	67.5	161	59.5	56	90	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
2.2	1.5	1.1	0.55																																			

- Note:
1. Tolerance of shaft end diameter D: j6.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. Tolerance of N: j6.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B35 (IM 2001)

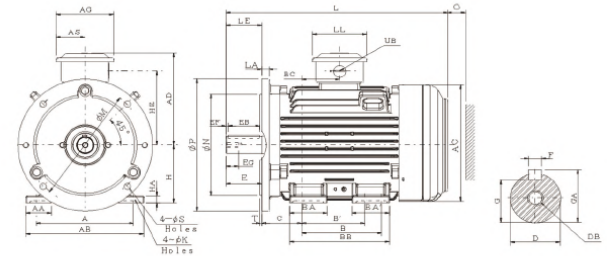


FIG.3

Dimension in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION													SHAFT EXTENSION													BEARING								
2P	4P	6P	8P			SIZE	NO.	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
3	2.2	1.5	0.75	100L	16	60	215	180	250	14.5	4	160	40	200	219	178.5	127	63.5	140	---	66.5	66.5	181	72.5	63	100	12	138	12	391	120	50	22	8	24	31	M10	6206ZZ	6205ZZ	
---	3	---	1.1																																					
4	4	2.2	1.5	112M	15	60	215	180	250	14.5	4	190	45	235	235	191	127	63.5	140	---	65.5	65.5	186	75	70	112	13	158.5	12	412.5	120	50	22	8	24	31	M10	6306ZZ	6305ZZ	
5.5	5.5	3	2.2																																					
7.5	---	---	---	132S	3	16	80	265	230	300	14.5	4	216	57	263	273	208.5	127	63.5	140	---	64	64	164	65	69	132	16	168	12	458	120	50	28	10	33	41	M12	6308ZZ	6306ZZ
---	7.5	4	3																																					
---	---	5.5	---	132M	16	80	265	230	300	14.5	4	216	57	263	273	208.5	127	63.5	178	140	83.5	83.5	222	84	69	132	16	168	12	494	120	50	28	10	33	41	M12	6306ZZ	6306ZZ	
---	---	---	---																																					

- Note:
1. Tolerance of shaft end diameter D: $\phi 28$: j6, $\phi 38$: k6.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. Tolerance of N: j6.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B35 (IM 2001)

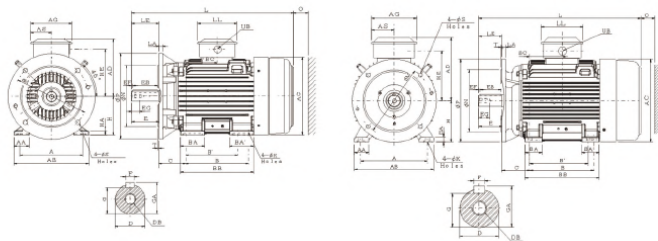


FIG. 4

FIG. 5

Dimension in mm

Output (kW)		FRAME FIG.		FLANGE DIMENSION								SHAFT EXTENSION BEARING												
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB
11	11	7.5	4	160M	4	15	110	300	250	350	18.5	5	254	60	300	318	234	166	83	210	---	57	57	256
19.5	15	11	7.5	160L	4	15	110	300	250	350	18.5	5	254	60	300	318	234	166	83	254	210	97	97	300
22	18.5	---	---	190M	4	15	110	300	250	350	18.5	5	279	65	330	354	266	166	83	241	---	65	65	292
---	22	15	11	160L	5	15	110	300	250	350	18.5	5	279	65	330	354	266	166	83	279	241	115	115	330
30	30	18.5	22	200L	4	17	110	350	300	400	18.5	5	318	70	378	398	304.5	215	107.5	305	---	82	82	353

- Note:
1. Tolerance of shaft end diameter D : a) $\phi.42 \sim \phi.48$; b) $\phi.55 \sim \phi.6$.
 2. Tolerance of shaft center high H : +0, -0.5.
 3. Tolerance of N : j6.
 4. Bearing No. In () is for 2P.
 5. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B35 (IM 2001)

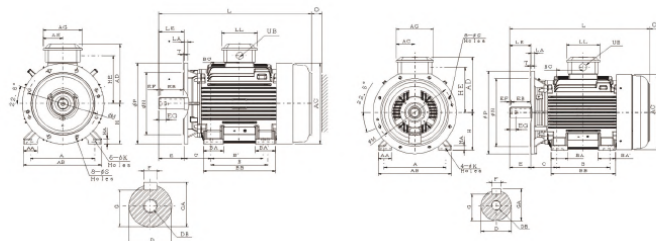


FIG. 6

FIG. 7

Dimension in mm

Output (kW)		FRAME FIG.		FLANGE DIMENSION								SHAFT EXTENSION BEARING														
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	
---	37	---	---	18.5	225SC	6	20	140	400	350	450	18.5	5	356	75	431	449	330.5	215	107.5	286	---	98.5	98.5	371	143
45	---	---	---	225MA	6	20	110	400	350	450	18.5	5	356	75	431	449	330.5	215	107.5	311	286	110	110	396	155.5	
---	45	30	22	225MC	6	20	140	400	350	450	18.5	5	356	75	431	449	330.5	215	107.5	311	286	110	110	396	155.5	
55	---	---	---	250MA	7	22	140	500	450	550	18.5	5	406	85	480	499	372.5	249	124.5	349	---	112.5	112.5	425	174.5	
---	55	37	30	250MC	7	22	140	500	450	550	18.5	5	406	85	480	499	372.5	249	124.5	349	---	112.5	112.5	425	174.5	

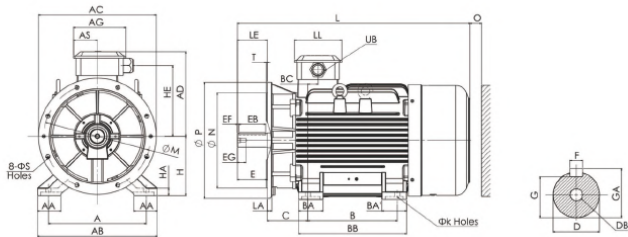
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION										BEARING	
										D	E	EB	EF	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END		
225SC	149	225	28	267	18.5	816	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)	
225MA	149	225	28	267	18.5	811	199	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ	
225MC	149	225	28	267	18.5	841	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20			
250MA	168	250	30	300	24	921	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313-ZC3	6313-ZC3	
250MC	168	250	30	300	24	921	224	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315-Z2	6313-Z2	

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

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)		FRAME		FLANGE DIMENSION																				
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	C
75	---	---	---	280SA	22	140	500	450	550	18.5	5	457	110	560	550	408.5	249	124.5	368	110	110	455	48	190
---	75	45	37	280SB	22	140	500	450	550	18.5	5	457	110	560	550	408.5	249	124.5	388	110	110	455	48	190
90	---	---	---	280MA	22	140	500	450	550	18.5	5	457	110	560	550	408.5	249	124.5	419	115	115	505	48	190
---	90	55	45	280MB	22	140	500	450	550	18.5	5	457	110	560	550	408.5	249	124.5	419	115	115	505	48	190

FRAME SIZE	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION					BEARING					
									D	E	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
280SA	280	35	336	24	1037.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280SB	280	35	336	24	1037.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6316C3	6316C3
280MA	280	35	336	24	1087.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280MB	280	35	336	24	1087.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6316C3	6316C3

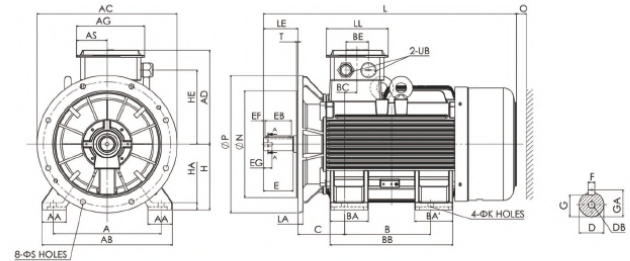
- Note:
1. Tolerance of Shaft End Diameter D_i: m6
 2. Tolerance of Key Width F_i: h9
 3. Tolerance of Shaft Center Height H_i: +0, -1
 4. Tolerance of N: j6
 5. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)		FRAME		FLANGE DIMENSION																				
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
110	---	---	---	315SA	25	140	600	550	660	24	6	506	115	615	660	456.5	318	144	406	180	180	580	53	108
---	110	75	55	315SB	25	170	600	550	660	24	6	506	115	615	660	456.5	318	144	406	180	180	580	53	108

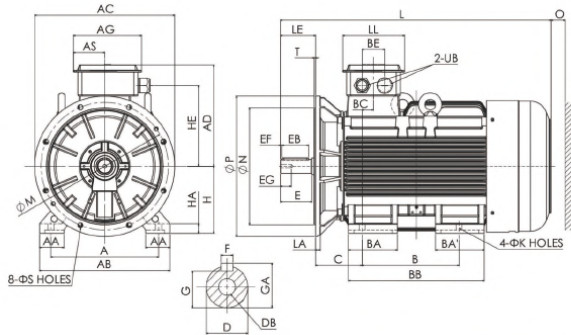
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION					BEARING					
										D	E	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
315SA	216	315	35	369	28	1162	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	216	315	35	369	28	1192	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

- Note:
1. Tolerance of Shaft End Diameter D_i: m6
 2. Tolerance of Key Width F_i: h9
 3. Tolerance of Shaft Center Height H_i: +0, -1
 4. Tolerance of N: j6
 5. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION										SHAFT EXTENSION		BEARING										
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	
132	---	---	---	315MA	25	140	600	550	660	24	6	508	130	630	660	481.5	318	144	457	240	240	640	53	106	
---	132	90	75	315MB	25	170	630	550	660	24	6	508	130	630	660	481.5	318	144	457	240	240	640	53	106	
												SHAFT EXTENSION										BEARING			
FRAME	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END					
SIZE	315MA	216	315	45	384	28	1246	288	180	M63X1.5	85	140	125	7.5	40	18	58	69	M20	6316C3	6314C3				
SIZE	315MB	216	315	45	384	28	1276	288	180	M63X1.5	80	170	180	5	40	22	71	85	M20	6320C3	6316C3				

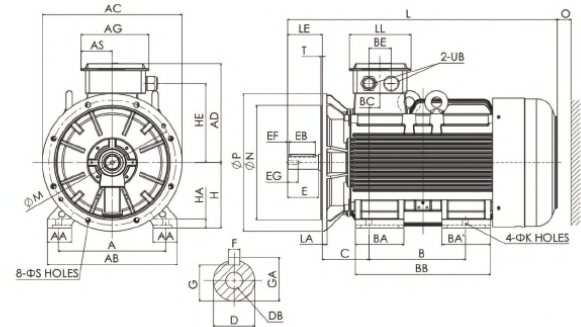
- Note:**
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Key Width F; h9
 3. Tolerance of Shaft Center Height H; +0, -1
 4. Tolerance of N; js6
 5. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B35 (IM 2001)



Dimension in mm

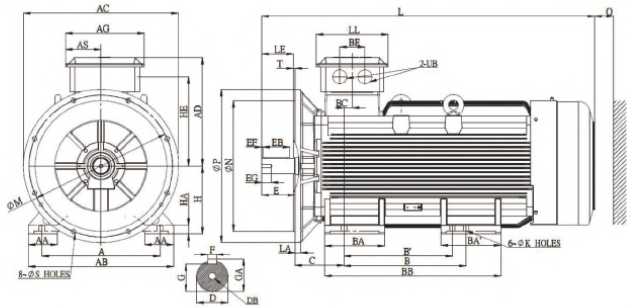
Output (kW)		FRAME	FLANGE DIMENSION										SHAFT EXTENSION		BEARING										
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	
160	---	---	---	315LA	25	140	600	550	660	24	6	508	130	630	660	481.5	318	144	457	230	230	740	53	106	
200	---	---	---	315LB	25	170	600	550	660	24	6	508	130	630	660	481.5	318	144	457	230	230	740	53	106	
---	160	110	90	315LB	25	170	600	550	660	24	6	508	130	630	660	481.5	318	144	457	230	230	740	53	106	
---	200	132	110	315LB	25	170	600	550	660	24	6	508	130	630	660	481.5	318	144	457	230	230	740	53	106	
												SHAFT EXTENSION										BEARING			
FRAME	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END					
SIZE	315LA	216	315	45	384	28	1346	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3				
SIZE	315LB	216	315	45	384	28	1376	288	180	M63X1.5	80	170	180	5	40	22	71	85	M20	6320C3	6316C3				

- Note:**
1. Tolerance of Shaft End Diameter D; m5
 2. Tolerance of Key Width F; h9
 3. Tolerance of Shaft Center Height H; +0, -1
 4. Tolerance of N; js6
 5. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)		FLANGE DIMENSION																						
2P	4P	6P	8P	FRAME SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
250	---	---	---	355MA	30	140	740	680	800	24	6	610	150	750	800	573	408	184	560	310	310	910	43	130
---	250	160	132	355MB	30	170	740	680	800	24	6	610	150	750	800	573	408	184	560	310	310	910	43	130
SHAFT EXTENSION																BEARING								
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END				
355MA	254	355	45	469	28	1832	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3				
355MB	254	355	45	469	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3				

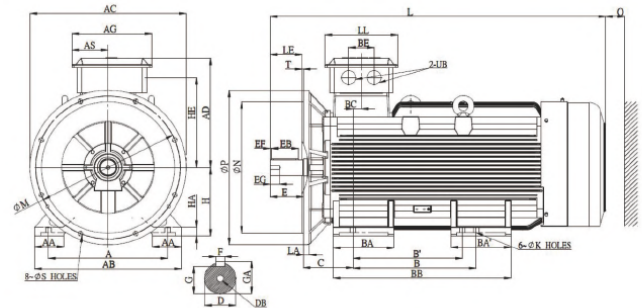
- Note:**
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of Shaft Center Height H: +0, -1
 4. Tolerance of N: js6

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)		FLANGE DIMENSION																						
2P	4P	6P	8P	FRAME SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE
315	---	---	---	355LA	30	140	740	680	800	24	6	610	150	750	800	573	408	184	630	310	310	910	43	130
---	315	250	200	355LB	30	170	740	680	800	24	6	610	150	750	800	573	408	184	630	310	310	910	43	130
SHAFT EXTENSION																BEARING								
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END				
355LA	254	355	45	469	28	1832	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3				
355LB	254	355	45	469	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3				

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

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: V1 (IM 3011)

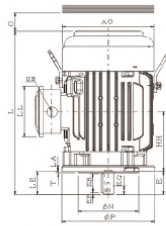


FIG. 3

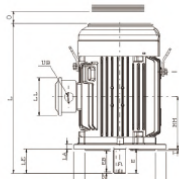
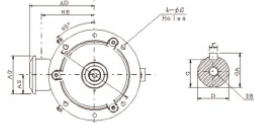
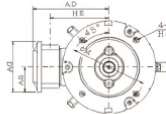


FIG. 4



Dimension in mm

Output (kW)		FRAME	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	1.5	0.75	100L	4	16	60	215	180	250	14.5	4	219	178.5	127	63.5	138	136.5	391	120	50
---	3	---	1.1																		
4	4	2.2	1.5	112M	3	15	60	215	180	250	14.5	4	235	191	127	63.5	150.5	145	412.5	120	50
5.5	5.5	3	2.2	132S	4	16	80	265	230	300	14.5	4	273	208.5	127	63.5	168	154	456	120	50
7.5	---	---	---																		
---	7.5	4	3	132M	3	16	80	265	230	300	14.5	4	273	208.5	127	63.5	168	173	494	120	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 : $\psi 28 : j6$, $\psi 38 : k6$.

2. Tolerance of N : j6.

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

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: V1 (IM 3011)

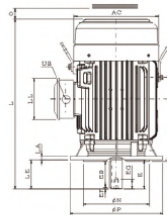


FIG. 5

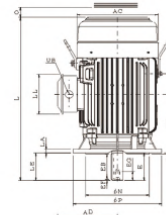


FIG. 6



Dimension in mm

Output (kW)		FRAME	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									
11	11	7.5	4	160M	5	15	110	300	250	350	18.5	5	350	234	166	83	192	213	608	160	60
18.5	15	11	7.5																		
22	18.5	---	---	180M		15	110	300	250	350	18.5	5	354	266	166	83	218	241.5	672	160	70
---	22	15	11	160L	6	15	110	300	250	350	18.5	5	354	266	166	83	218	260.5	710	160	70
30	30	19.5	22	200L		17	110	350	300	400	18.5	5	400	304.5	215	107.5	241	285.5	770	199	80

FRAME SIZE	UB	SHAFT EXTENSION								BEARING		
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
160M	M32X1.5	42	110	100	5	38	12	37	45	M16	6309ZZ	6307ZZ
160L	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
180M	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3)	(6310ZZC3)
180L	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311ZZ	6310ZZ
200L	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3)	(6212ZZC3)
											6312ZZ	6212ZZ

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

2. Tolerance of N : j6.

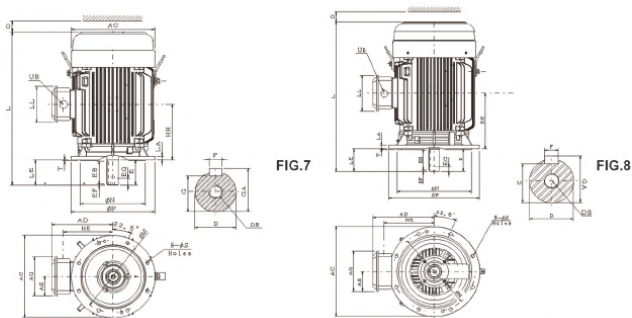
3. Bearing No. In () is for 2P.

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

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: V1 (IM 3011)



Dimension 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							
---	37	---	18.5	225SC	7	20	140	400	350	450	18.5	5	450	330.5	215	107.5	267	292	816
45	---	---	---	225MA	7	20	110	400	350	450	18.5	5	450	330.5	215	107.5	267	304.5	811
---	45	30	22	225MC	8	20	140	400	350	450	18.5	5	450	330.5	215	107.5	267	304.5	841
55	---	---	---	250MA	8	22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921
---	55	37	30	250MC	8	22	140	500	450	550	18.5	5	550	372.5	249	124.5	300	342.5	921

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

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

2. Tolerance of N : j6.

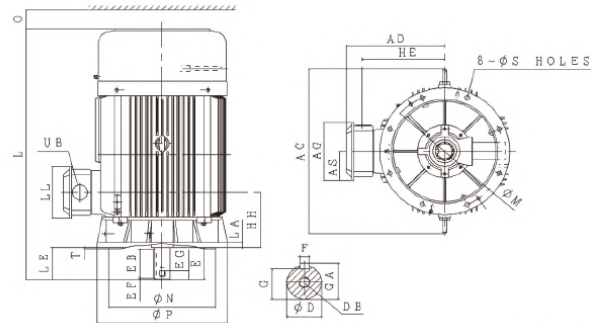
3. Bearing No. In () is for 2P. 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)				FRAME	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P		SIZE	LA	LE	M	N	P	S							
75	---	---	---	280SA	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1037.5
---	75	45	37	280SB	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1037.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1087.5
---	90	55	45	280MB	22	140	500	450	550	18.5	5	709	408.5	249	124.5	335	238	1087.5

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

Note : 1. Tolerance of Shaft End Diameter D₁ : m6

2. Tolerance of Key Width F₁ : h9

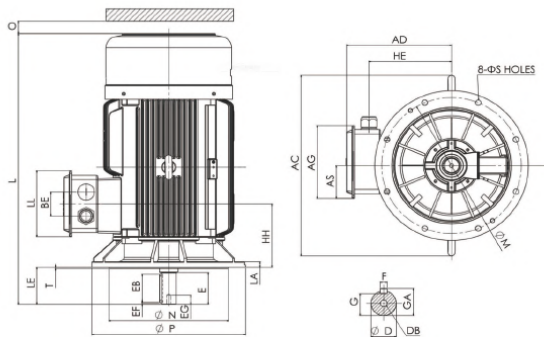
3. Tolerance of N : j6

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

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION																			
2P	4P		6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O
110	---	---	---	315SA	25	140	600	550	660	24	6	715	456.5	318	144	106	359	269	1162	288	180	
---	110	75	55	315SB	25	170	600	550	660	24	6	715	456.5	318	144	106	359	269	1192	288	180	
FRAME SIZE	UB	SHAFT EXTENSION							BEARING													
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END										
315SA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	7314B										
315SB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3										

Note 1: Tolerance of Shaft End Diameter D: m6

2. Tolerance of Key Width F: h9

3. Tolerance of N: js6

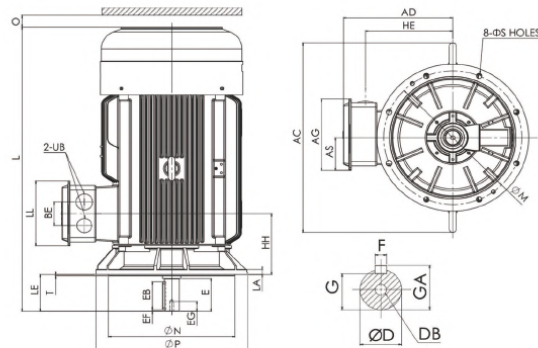
4. T-Box Assy with two cable gland bodies.

外形图 Outline (TEV3)

外形及安装尺寸图



安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION																			
2P	4P		6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O
132	---	---	---	315MA	25	140	600	550	660	24	6	769	481.5	318	144	106	384	269	1246	288	180	
---	132	90	75	315MB	25	170	600	550	660	24	6	769	481.5	318	144	106	384	269	1276	288	180	
FRAME SIZE	UB	SHAFT EXTENSION							BEARING													
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END										
315MA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	7314B										
315MB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	7316B										

Note 1: Tolerance of Shaft End Diameter D: m6

2. Tolerance of Key Width F: h9

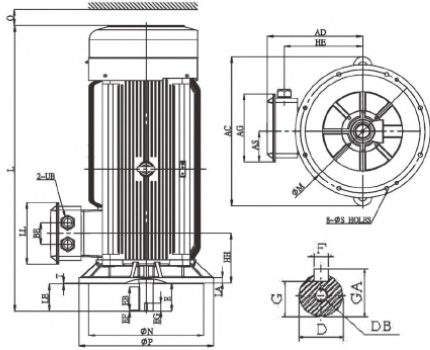
3. Tolerance of N: js6

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

外形图 Outline (TEV3)

外形及安装尺寸图

安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)				FRAME	FLANGE DIMENSION																	
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O	
---	---	---	---	355LA	30	140	740	680	800	24	6	896	573	408	184	130	469	297	1687	372	230	
---	315	250	200	355LB	30	170	740	680	800	24	6	896	573	408	184	130	469	297	1717	372	230	

FRAME SIZE	UB	SHAFT EXTENSION										BEARING		
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END		
355LA	M72X2	75	140	125	7.5	40	20	87.5	79.5	M20	6317C3	7317B		
355LB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	7322B		

- Note :
1. Tolerance of Shaft End Diameter D; m6
 2. Tolerance of Key Width F; h9
 3. Tolerance of N ; js6
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B3 (IM 1001)

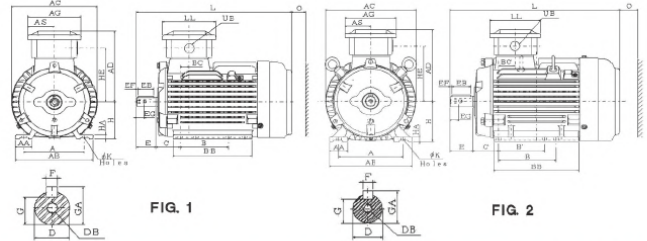


FIG. 1

FIG. 2

Dimension in mm

Output (kW)				FRAME	FIG.	A	AA	AB	AC	AD	AG	AS	B	B'	BB	BC	C	H	HA	HE	
2P	4P	6P	8P	SIZE	NO.																
0.75	---	---	---	80M	1	125	34.5	161	177	152	110	55	100	---	163	18.5	50	80	10	115	
1.1	0.75	---	---	90S		140	40	180	197	162	110	55	100	---	226	36	56	90	10	125	
1.5	1.1	0.75	---	90L		140	40	180	197	162	110	55	125	100	226	36	56	90	10	125	
2.2	1.5	1.1	---	100L	2	160	40	200	219	183.5	127	63.5	140	---	261	21	63	100	12	143	
---	3	---	1.1																		
3	2.2	1.5	0.75			190	45	235	235	191	127	63.5	140	---	237	28	70	112	13	150.5	
---	3	---	1.1	112M																	

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	319	110	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M8	6204Z2	6204Z2	
90S	10	409.5	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205Z2	6205Z2	
90L	10	409.5	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205Z2	6205Z2	
100L	12	472	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206Z2	6206Z2	
112M	12	464	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306Z2	6306Z2	

- Note:
1. Tolerance of shaft end diameter D; j6.
 2. Tolerance of shaft center high H; +0, -0.5.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B3 (IM 1001)

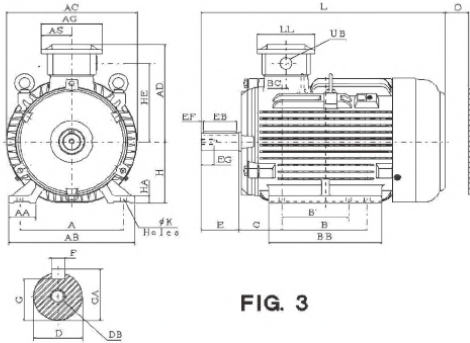


FIG. 3

Dimension in mm

Output (kW)				FRAME	FIG.	A	AA	AB	AC	AD	AG	AS	B	B'	BB	BC	C	H	HA	HE	K	L
2P	4P	6P	8P	SIZE	NO.																	
5.5	5.5	3	2.2	132S	3	216	57	263	273	208.5	127	63.5	140	---	275	6	89	132	16	168	12	547
7.5	---	---	---			216	57	263	273	208.5	127	63.5	178	140	275	6	89	132	16	168	12	547
---	7.5	4	3	132M	3	216	57	263	273	208.5	127	63.5	178	140	275	6	89	132	16	168	12	547
---	---	5.5	---			216	57	263	273	208.5	127	63.5	178	140	275	6	89	132	16	168	12	547

- Note :
1. Tolerance of shaft end diameter D : k6.
 2. Tolerance of shaft center high H : +0, -0.5.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B3 (IM 1001)

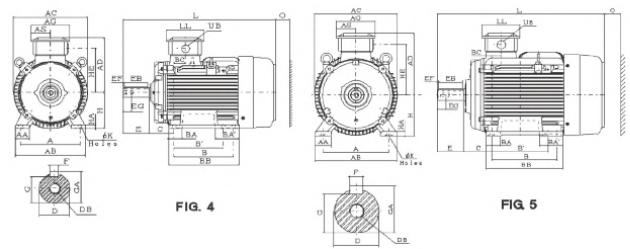


FIG. 4

FIG. 5

Dimension in mm

Output (kW)				FRAME	FIG.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K
2P	4P	6P	8P	SIZE	NO.																		
11	11	7.5	4	160M	4	254	60	300	317	243.5	166	83	210	---	57.5	101.5	300	47	106	160	18	195	14.5
15	---	---	5.5			254	60	300	317	243.5	166	83	254	210	57.5	101.5	300	47	106	160	18	195	14.5
18.5	15	11	7.5	180M	5	279	65	330	354	269.5	166	83	241	---	62	100	330	39	121	180	20	221	14.5
---	22	15	11			279	65	330	354	269.5	166	83	279	241	62	100	330	39	121	180	20	221	14.5

FRAME	L	LL	O	UB	SHAFT EXTENSION								BEARING			
					D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
160M	652	160	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ	
160L																
180M	710	160	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M15	(6311ZZC3)	(6310ZZC3)	
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.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B3 (IM 1001)

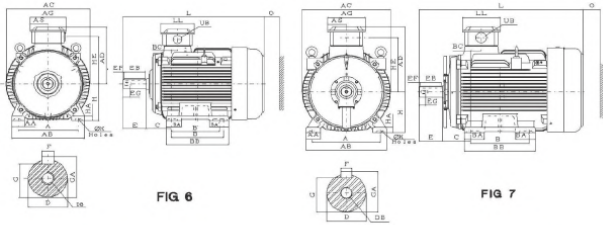


FIG 6

FIG 7

Dimension in mm

Output (kW)				FRAME	FIG.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K
2P	4P	6P	8P	SIZE	NO.																		
30	37	45	55	200L	6	318	75	388	448	332	215	107.5	305	---	76	76	365	52	133	200	24	271.5	18.5
---	37	---	18.5	225SC		356	75	431	498	351.5	215	107.5	286	---	90	90	350	37.5	149	225	28	269.5	18.5
46	---	---	22	225MA		356	75	431	498	351.5	215	107.5	311	286	90	115	375	37.5	149	225	28	269.5	18.5
---	45	30	---	225MC		356	75	431	498	351.5	215	107.5	311	286	90	115	375	37.5	149	225	28	269.5	18.5
55	---	---	30	250MA	7	406	85	480	527.5	403.5	249	124.5	349	---	120	120	425	63.5	168	250	30	328	24
---	55	37	---	250MC		406	85	480	527.5	403.5	249	124.5	349	---	120	120	425	63.5	168	250	30	328	24

SHAFT EXTENSION BEARING

FRAME SIZE	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
200L	764.5	199	80	M50X1.5	55	110	100	5	42	16	49	59	M20	(63122ZC3) 6312ZZ	(62122ZC3) 6212ZZ
225SC	816	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(63122ZC3) (62122ZC3)	
225MA	811	199	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ
225MC	841	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
250MA	977.5	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	977.5	224	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

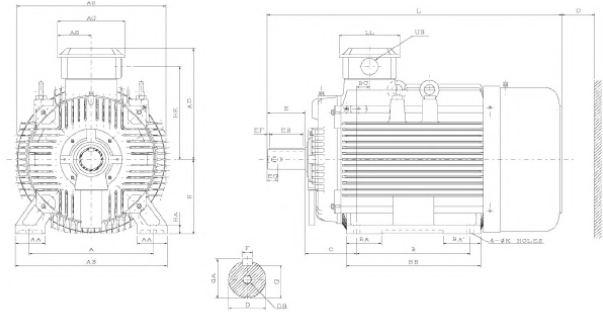
- Note:
1. Tolerance of shaft end diameter D: m6.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. Bearing No. In () is for 2P.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B3 (IM 1001)



Dimension in mm

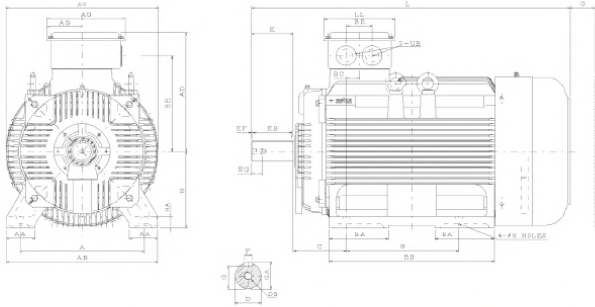
Output (kW)				FRAME	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	C	H	HA	HE	K
2P	4P	6P	8P	SIZE																	
75	---	---	---	280SA	457	110	560	550	417	249	124.5	368	110	110	445	48	190	280	35	348	24
---	75	45	37	280SB	457	110	560	550	417	249	124.5	368	110	110	445	48	190	280	35	348	24
90	---	---	---	280MA	457	110	560	550	417	249	124.5	419	130	137	495	48	190	280	35	348	24
---	90	55	45	280MB	457	110	560	550	417	249	124.5	419	130	137	495	48	190	280	35	348	24

- Note:
1. Tolerance of Shaft End Diameter D, m6
 2. Tolerance of Shaft Center Height H, +0, -1
 3. Tolerance of Key Width F, h9
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)				FRAME SIZE	Dimension in mm																
2P	4P	6P	8P		A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
110	---	---	---	315SA	508	130	630	620	481.5	318	144	406	230	230	640	53	106	216	315	45	384
---	110	75	55	315SB	508	130	630	620	481.5	318	144	406	230	230	640	53	106	216	315	45	384
132	---	---	---	315MA	508	130	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384
---	132	90	75	315MB	508	130	630	620	481.5	318	144	457	230	230	640	53	106	216	315	45	384
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING							
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE					
315SA	28	1246	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
315SB	28	1276	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3					
315MA	28	1246	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
315MB	28	1276	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3					

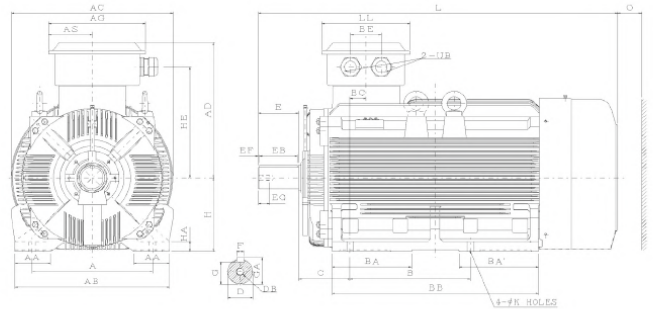
- Note:**
1. Tolerance of Shaft End Diameter D, m6
 2. Tolerance of Shaft Center Height H; +0, -1
 3. Tolerance of Key Width F; h9
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B3 (IM 1001)



Dimension in mm

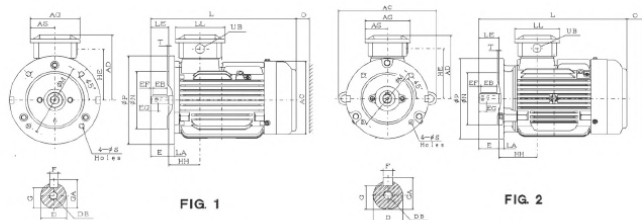
Output (kW)				FRAME SIZE	Dimension in mm																
2P	4P	6P	8P		A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
160	---	---	---	315LA	508	150	650	682	578	408	184	508	---	---	780	68	130	216	315	45	474
200	---	---	---	315LB	508	150	650	682	578	408	184	508	---	---	780	68	130	216	315	45	474
---	160	110	90	315LB	508	150	650	682	578	408	184	508	---	---	780	68	130	216	315	45	474
---	200	132	110	315LB	508	150	650	682	578	408	184	508	---	---	780	68	130	216	315	45	474
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING							
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE					
315LA	28	1434	372	200	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
315LB	28	1464	372	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
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B5 (IM 3001)

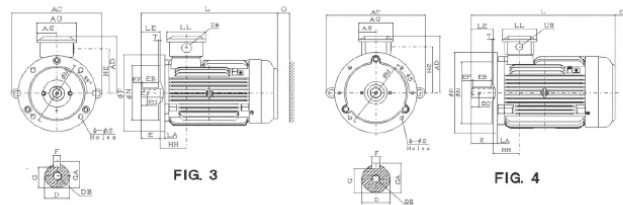


外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION								AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P			LA	LE	M	N	P	S	T								
0.75	---	---	---	80M	1	12	40	165	130	200	12	3.5	177	152	110	55	115	68.5	319	
1.1	0.75	---	---			12	50	165	130	200	12	3.5	271	162	110	55	125	92	409.5	
1.5	1.1	0.75	---	90S	2	12	50	165	130	200	12	3.5	271	162	110	55	125	92	409.5	
2.2	1.5	1.1	---			12	50	165	130	200	12	3.5	271	162	110	55	125	92	409.5	
FRAME SIZE	LL	O	UB	SHAFT EXTENSION								BEARING		DRIVE END	OPPOSITE DRIVE END					
				D	E	EB	EF	EG	F	G	GA	DB								
80M	110	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6204ZZ						
90S	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6205ZZ						
90L	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6205ZZ						

- Note :**
1. Tolerance of shaft end diameter D; j6.
 2. Tolerance of N : j6.
 3. T-Box Assy with a cable grand body.

Dimension in mm

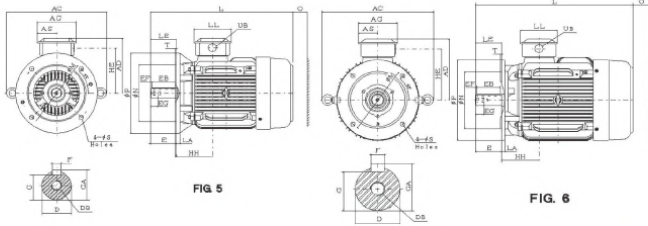
Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION								AC	AD	AG	AS	HE	HH	L	LL	O
2P	4P	6P	8P			LA	LE	M	N	P	S	T										
3	2.2	1.5	0.75	100L	4	16	60	215	180	250	14.5	4	288.5	183.5	127	63.5	143	84	472	120	50	
---	3	---	1.1			16	60	215	180	250	14.5	4	308.5	191	127	63.5	150.5	98	464	120	50	
4	4	2.2	1.5	112M	3	15	60	215	180	250	14.5	4	360	208.5	127	63.5	168	95	547	120	50	
5.5	5.5	3	2.2			16	80	265	230	300	14.5	4	360	208.5	127	63.5	168	95	547	120	50	
7.5	---	---	---	132M	4	16	80	265	230	300	14.5	4	360	208.5	127	63.5	168	95	547	120	50	
---	7.5	4	3			16	80	265	230	300	14.5	4	360	208.5	127	63.5	168	95	547	120	50	
---	---	5.5	---																			
FRAME SIZE	UB	SHAFT EXTENSION								BEARING		DRIVE END	OPPOSITE DRIVE END									
		D	E	EB	EF	EG	F	G	GA	DB												
100L	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6206ZZ										
112M	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6306ZZ										
132S	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ										
132M	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ										

- Note :**
1. Tolerance of shaft end diameter D; $\phi 28$; j6, $\phi 38$ k6.
 2. Tolerance of N; j6.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B5 (IM 3001)

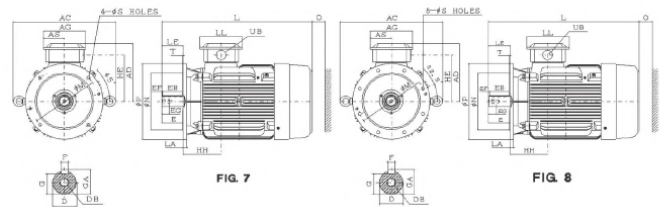


外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B5 (IM 3001)



Dimension 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									
11	15	7.5	4	160M	5	15	110	300	250	350	18.5	5	427	243.5	166	83	195	155	652	160	60
18.5	15	11	7.5	160L		15	110	300	250	350	18.5	5	427	243.5	166	83	195	155	652	160	60
22	18.5	---	---	180M	6	15	110	300	250	350	18.5	5	476	269.5	166	83	221	160	710	160	70
---	22	15	11	180L		15	110	300	250	350	18.5	5	476	269.5	166	83	221	160	710	160	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.

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

Dimension 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							
30	37	18.5	22	200L	7	17	110	350	300	400	18.5	5	576.5	332	215	107.5	271.5	185	764.5
---	37	---	18.5	22SSC		20	140	400	350	450	18.5	5	652	351.5	215	107.5	289.5	186.5	816
45	---	---	---	225MA	8	20	110	400	350	450	18.5	5	652	351.5	215	107.5	289.5	186.5	811
---	45	30	22	225MC		20	140	400	350	450	18.5	5	652	351.5	215	107.5	289.5	186.5	841

FRAME SIZE	LL	O	UB	SHAFT EXTENSION										BEARING	
				D	E	EB	EF	EG	F	G	CA	DB	DRIVE END	OPPOSITE DRIVE END	
200L	199	80	M50X1.5	55	110	100	5	42	16	49	59	M20	(6212ZZC3)	(6212ZZC3)	
225SC	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6212ZZC3)	(6212ZZC3)	
225MA	199	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ	
225MC	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20			

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

2. Tolerance of N, j6.

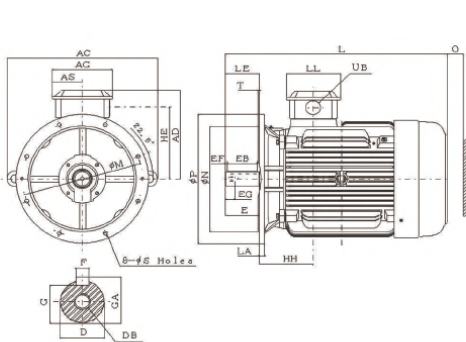
3. Bearing No. In () is for 2P.

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

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)				FRAME SIZE	FIG NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P			LA	LE	M	N	P	S	T							
55	---	---	---	250MA	9	22	140	500	450	550	18.5	5	738	403.5	249	124.5	328	231.5	977.5
---	55	37	30	250MC	9	22	140	500	450	550	18.5	5	738	403.5	249	124.5	328	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	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	224	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

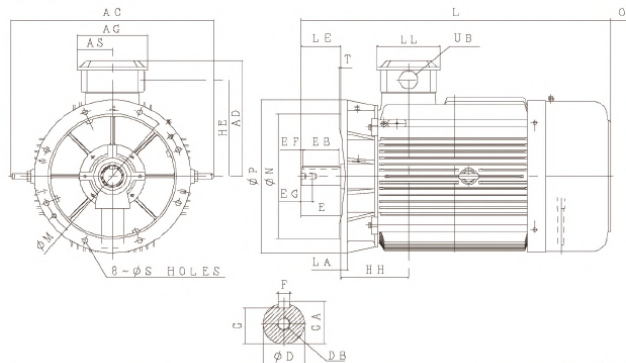
- Note:
1. Tolerance of shaft end diameter D: m6.
 2. Tolerance of N: j6.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P		LA	LE	M	N	P	S	T							
75	---	---	---	280SA	22	140	500	450	550	18.5	5	717	417	249	124.5	348	238	1037.5
---	75	45	37	280SB	22	140	500	450	550	18.5	5	717	417	249	124.5	348	238	1037.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	717	417	249	124.5	348	238	1087.5
---	90	55	45	280MB	22	140	500	450	550	18.5	5	717	417	249	124.5	348	238	1087.5

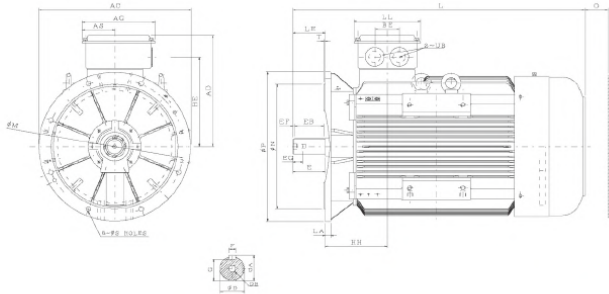
FRAME SIZE	LL	O	UB	SHAFT EXTENSION							BEARING			
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280SB	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6316C3	6316C3
280MA	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3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

- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: j6
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION																			
2P	4P	6P	8P		LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O			
110	---	---	---	315SA	25	140	600	550	680	24	6	660	491.5	318	144	106	394	269	1246	288	180			
---	110	75	55	315SB	25	170	600	550	660	24	6	660	491.5	318	144	106	394	269	1276	288	180			
132	---	---	---	315MA	25	140	600	550	680	24	6	660	491.5	318	144	106	394	269	1246	288	180			
---	132	90	75	315MB	25	170	600	550	660	24	6	660	491.5	318	144	106	394	269	1276	288	180			
FRAME SIZE	UB	SHAFT EXTENSION										BEARING												
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	D	E	EB	EF	EG	F	G	GA	DB	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
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B35 (IM 2001)

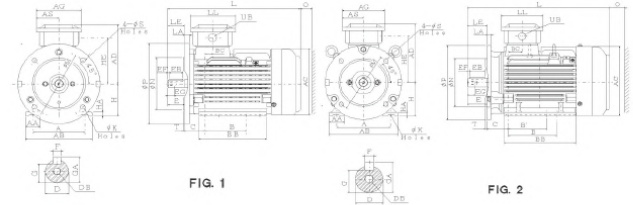


FIG. 1

FIG. 2

Dimension in mm

Output (kW)				FRAME SIZE	FIG NO	FLANGE DIMENSION										SHAFT EXTENSION										BEARING									
2P	4P	6P	8P			LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BB	BC	C	H										
0.75	---	---	---	80M	1	12	40	165	130	200	12	3.5	125	34.5	161	177	152	110	55	100	---	163	18.5	50	80										
1.1	0.75	---	---	90S	2	12	50	165	130	200	12	3.5	140	40	180	197	162	110	55	100	---	226	36	56	90										
1.5	1.1	0.75	---	90L	2	12	50	165	130	200	12	3.5	140	40	180	197	162	110	55	125	100	226	36	56	90										
2.2	1.5	1.1	---	90L	2	12	50	165	130	200	12	3.5	140	40	180	197	162	110	55	125	100	226	36	56	90										
FRAME SIZE	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION										BEARING																	
								D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END						
80M	10	115	10	319	110	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M8	6204ZZ	6204ZZ																	
90S	10	125	10	409.5	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6205ZZ																	
90L	10	125	10	409.5	110	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6205ZZ																	

- Note:**
1. Tolerance of shaft end diameter D; j6.
 2. Tolerance of shaft center high H; +0, -0.5.
 3. Tolerance of N; j6.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B35 (IM 2001)

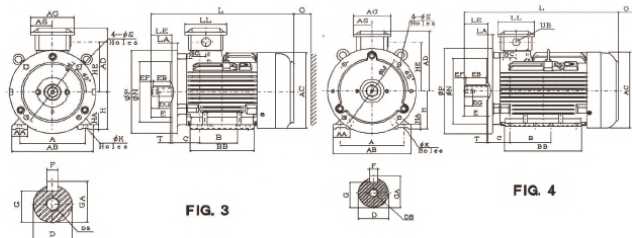


FIG. 3

FIG. 4

Dimension in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION																			
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BB	BC	C	
3	2.2	1.5	0.75	100L	4	16	60	215	180	250	14.5	4	160	40	200	219	183.5	127	63.5	140	---	261	21	63	
---	3	---	1.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
4	4	2.2	1.5	112M	3	15	60	215	180	250	14.5	4	190	45	235	235	191	127	63.5	140	---	237	28	70	
5.5	5.5	3	2.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
7.5	---	---	---	132S	4	16	80	265	230	300	14.5	4	216	57	263	273	208.5	127	63.5	140	---	275	6	89	
---	7.5	4	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
---	---	5.5	---	132M	4	16	80	265	230	300	14.5	4	216	57	263	273	208.5	127	63.5	178	140	275	6	89	
FRAME SIZE		H	HA	HE	K	L	LL	O	SHAFT EXTENSION					BEARING											
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END													
100L	100	100	12	143	12	472	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6206ZZ					
112M	112	113	150.5	12	464	120	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6306ZZ						
132S	132	16	166	12	547	120	50	M25X1.5	38	60	70	5	28	10	33	41	M12	6306ZZ	6306ZZ						
132M	132	16	168	12	547	120	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6306ZZ	6306ZZ						

Note: 1. Tolerance of shaft end diameter D; $\psi 28$; β ; $\psi 38$:K6.

2. Tolerance of shaft center high H; $\pm 0, -0.5$.

3. Tolerance of N; β .

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

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B35 (IM 2001)

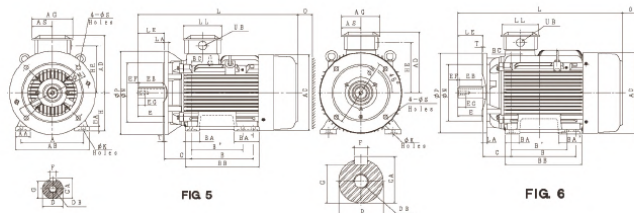


FIG. 5

FIG. 6

Dimension in mm

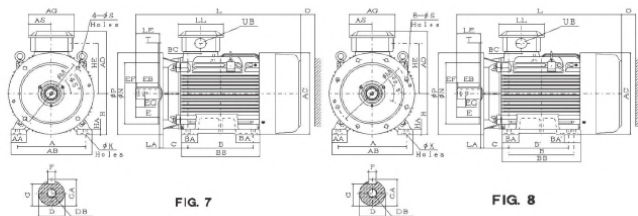
Output (kW)				FRAME	FIG.	FLANGE DIMENSION																				
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB		
11	11	7.5	4	160M	5	15	110	300	250	350	18.5	5	254	60	300	317	243.0	166	83	210	---	67.5	101.5	300		
16.5	15	11	7.5	160L	---	15	110	300	250	350	18.5	5	254	60	300	317	243.0	166	83	254	210	67.5	101.5	300		
22	18.5	---	---	180M	6	15	110	300	250	350	18.5	5	279	65	330	354	269.6	166	83	241	---	62	100	330		
---	22	15	11	180L	---	15	110	300	250	350	18.5	5	279	65	330	354	269.6	166	83	279	241	62	100	330		
FRAME SIZE		BC	O	H	HA	HE	K	L	LL	O	SHAFT EXTENSION					BEARING										
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END														
160M	47	108	160	18	195	14.5	652	160	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ					
180L	47	108	160	18	195	14.5	652	160	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ					
180M	39	121	180	20	221	14.5	710	160	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(63112ZC3)	(63102ZC3)					
180L	39	121	180	20	221	14.5	710	160	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; $\pm 0, -0.5$.
 3. Tolerance of N; β .
 4. Bearing No. In () is for 2P.
 5. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: B35 (IM 2001)



Dimension 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														
30	37	30	18.5	22	15	200L	7	17	110	350	300	400	18.5	5	318	75	388	448	332	215	107.5	305	---	76	76	365	52
---	37	---	18.5	225SC	8	20	140	400	350	450	18.5	5	356	75	431	468	381.5	215	107.5	286	---	90	90	350	37.5		
45	---	---	---	225MA	8	20	110	400	350	450	18.5	5	356	75	431	468	381.5	215	107.5	311	286	90	115	375	37.5		
---	45	30	22	225MC	8	20	140	400	350	450	18.5	5	356	75	431	468	381.5	215	107.5	311	286	90	115	375	37.5		
FRAME SIZE	C	H	HA	HE	K	L	LL	O	SHAFT EXTENSION					BEARING					DRIVE END	OPPOSITE DRIVE END							
									D	E	EB	EF	EG	F	G	GA	DB										
200L	133	200	24	271.5	18.5	764.5	199	80	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3)	(6212ZZC3)	6212ZZ						
225SC	149	225	28	289.5	18.5	816	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)							
225MA	149	225	28	289.5	18.5	811	199	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ							
225MC	149	225	28	289.5	18.5	841	199	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 shaft center high H; +0, -0.5.
 3. Tolerance of N; j6.
 4. Bearing No. In () is for 2P.
 5. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: B35 (IM 2001)

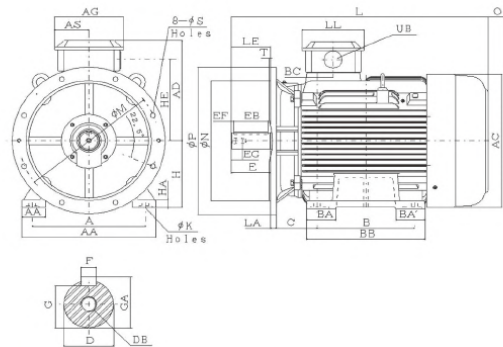


FIG.9

Dimension 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												
55	---	---	---	250MA	9	22	140	500	450	550	18.5	5	406	85	480	527.5	403.5	249	124.5	349	---	120	120	425	63.5
---	55	37	30	250MC	9	22	140	500	450	550	18.5	5	406	85	480	527.5	403.5	249	124.5	349	---	120	120	425	63.5
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	SHAFT EXTENSION					BEARING					DRIVE END	OPPOSITE DRIVE END				
										D	E	EB	EF	EG	F	G	GA	DB							
250MA	168	250	30	328	24	977.5	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3					
250MC	168	250	30	328	24	977.5	224	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. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

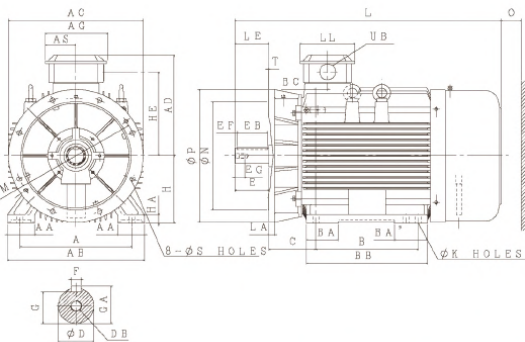
安装方式: B35 (IM 2001)

外形图 Outline (TEV4)

外形及安装尺寸图



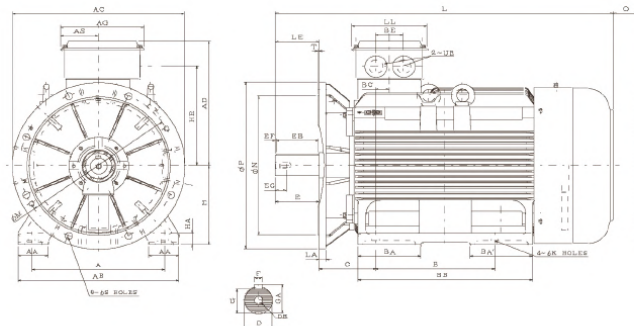
安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)	FRAME	FLANGE DIMENSION								SHAFT EXTENSION								BEARING																	
		LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	C	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END			
75	---	---	---	280SA	22	140	500	450	550	18.5	5	457	110	560	550	417	249	124.5	368	110	110	445	48	190	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
---	75	45	37	280SB	22	140	500	450	550	18.5	5	457	110	560	550	417	249	124.5	368	110	110	445	48	190	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
90	---	---	---	280MA	22	140	500	450	550	18.5	5	457	110	560	550	417	249	124.5	419	130	137	495	48	190	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
---	90	55	45	280MB	22	140	500	450	550	18.5	5	457	110	560	550	417	249	124.5	419	130	137	495	48	190	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

- Note:**
1. Tolerance of Shaft End Diameter D₁: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of Shaft Center Height H: +0, -1
 4. Tolerance of N : j6
 5. T-Box Assy with a cable grand body.



Dimension in mm

Output (kW)	FRAME	FLANGE DIMENSION								SHAFT EXTENSION								BEARING																	
		LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END			
110	---	---	---	315SA	25	140	600	550	660	24	6	508	130	630	660	481.5	318	144	406	230	230	640	53	106	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
---	110	75	55	315SB	25	170	600	550	660	24	6	508	130	630	660	481.5	318	144	406	230	230	640	53	106	80	170	160	5	40	22	71	85	M20	6320C3	6316C3
132	---	---	---	315MA	25	140	600	550	660	24	6	508	130	630	660	481.5	318	144	457	230	230	640	53	106	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
---	132	90	75	315MB	25	170	600	550	660	24	6	508	130	630	660	481.5	318	144	457	230	230	640	53	106	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

- Note:**
1. Tolerance of Shaft End Diameter D₁: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of Shaft Center Height H: +0, -1
 4. Tolerance of N : js6
 5. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: V1 (IM 3011)

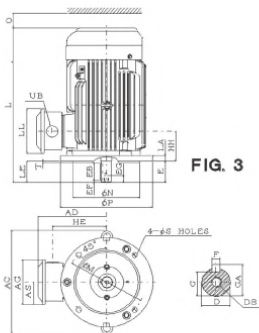


FIG. 3

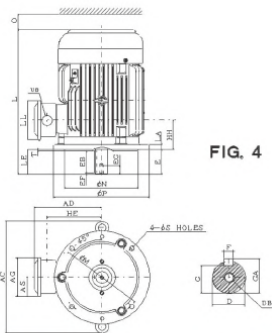


FIG. 4

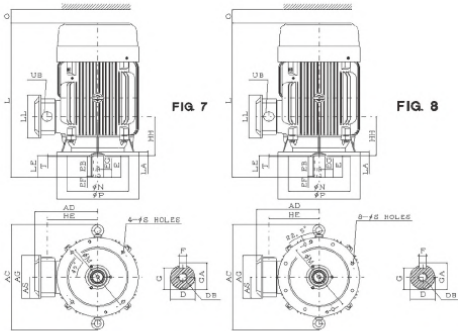
Dimension in mm

Output (kW)				FRAME	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	1.5	0.75	100L	4	16	60	215	180	250	14.5	4	288.5	183.5	127	63.5	143	84	472	120	50			
---	3	---	1.1			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4	4	2.2	1.5	112M	3	15	60	215	180	250	14.5	4	306.5	191	127	63.5	150.5	98	464	120	50			
5.5	5.5	3	2.2			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7.5	---	---	---	132S	4	16	80	265	230	300	14.5	4	360	208.5	127	63.5	168	95	547	120	50			
---	7.5	4	3			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	5.5	---	132M	4	16	80	265	230	300	14.5	4	360	208.5	127	63.5	168	95	547	120	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	6206ZZ												
112M	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6306ZZ												
132S	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6308ZZ												
132M	M25X1.5	38																						

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: V1 (IM 3011)



Dimension 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								
30	30	18.5	15	200L	7	17	110	350	300	400	18.5	5	576.5	332	215	107.5	271.5	185	764.5	
---	37	---	18.5	225SC	8	20	140	400	350	450	18.5	5	652	351.5	215	107.5	289.5	186.5	816	
45	---	---	---	225MA	8	20	110	400	350	450	18.5	5	652	351.5	215	107.5	289.5	186.5	811	
---	45	30	22	225MC	8	20	140	400	350	450	18.5	5	652	351.5	215	107.5	289.5	186.5	841	

FRAME SIZE	LL	O	UB	SHAFT EXTENSION										BEARING	
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
200L	199	80	M50X1.5	55	110	100	5	42	16	49	59	M20	(63122ZC3) 6312ZZ	(62122C3) 6212ZZ	
225SC	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(63122ZC3)	(62122C3)	
225MA	199	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ	
225MC	199	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20			

- Note:
1. Tolerance of shaft end diameter D; m6.
 2. Tolerance of N; j6.
 3. Bearing No. () is for 2P.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: V1 (IM 3011)

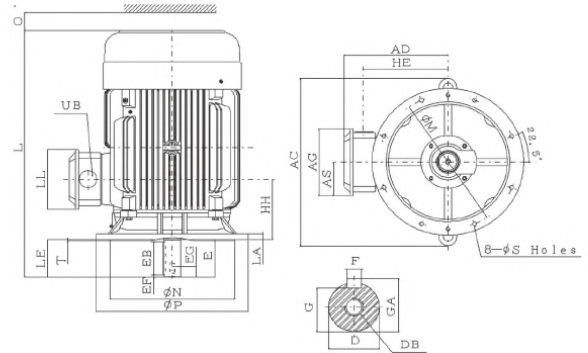


FIG.9

Dimension in mm

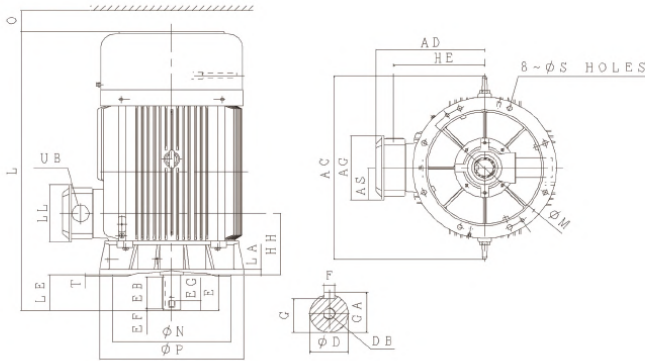
Output (kW)				FRAME	FIG.	FLANGE DIMENSION								AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T								
55	---	---	---	250MA	9	22	140	500	450	550	18.5	5	738	403.5	249	124.5	328	231.5	977.5	
---	55	37	30	250MC	9	22	140	500	450	550	18.5	5	738	403.5	249	124.5	328	231.5	977.5	
FRAME SIZE	LL	O	UB	SHAFT EXTENSION										BEARING						
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END						
250MA	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3						
250MC	224	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. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION								AC	AD	AG	AS	HE	HH	L			
2P	4P	6P	8P		LA	LE	M	N	P	S	T											
75	---	---	---	280SA	22	140	500	450	550	18.5	5	717	417	249	124.5	348	238	1037.5				
---	75	45	37	280SB	22	140	500	450	550	18.5	5	717	417	249	124.5	348	238	1037.5				
90	---	---	---	280MA	22	140	500	450	550	18.5	5	717	417	249	124.5	348	238	1087.5				
---	90	55	45	280MB	22	140	500	450	550	18.5	5	717	417	249	124.5	348	238	1087.5				
				SHAFT EXTENSION								BEARING										
FRAME SIZE	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END								
280SA	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3								
280SB	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3								
280MA	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3								
280MB	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3								

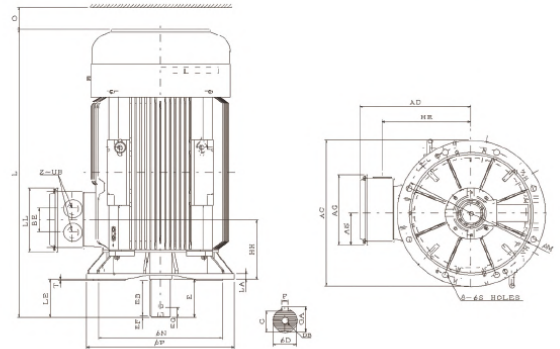
- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: j6
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: V1 (IM 3011)



Dimension in mm

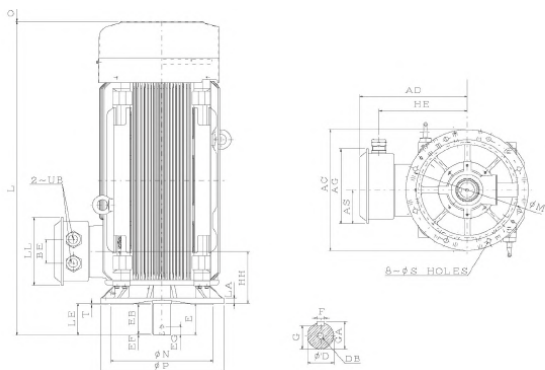
Output (kW)				FRAME SIZE	FLANGE DIMENSION								AC	AD	AG	AS	BE	HE	HH	L	LL	O
2P	4P	6P	8P		LA	LE	M	N	P	S	T											
110	---	---	---	315SA	25	140	600	550	680	24	6	660	491.5	318	144	106	394	269	1246	288	180	
---	110	75	55	315SB	25	170	600	550	680	24	6	660	491.5	318	144	106	394	269	1276	288	180	
132	---	---	---	315MA	25	140	600	550	680	24	6	660	491.5	318	144	106	394	269	1246	288	180	
---	132	90	75	315MB	25	170	600	550	680	24	6	660	491.5	318	144	106	394	269	1276	288	180	
				SHAFT EXTENSION								BEARING										
FRAME SIZE	UB	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	7316B										
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	7316B										

- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: j6
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION																				
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O		
160	---	---	---	315LA	30	140	600	550	660	24	6	662	578	408	184	130	474	284	1674	372	200		
---	160	110	90	315LB	30	170	600	550	660	24	6	662	578	408	184	130	474	284	1704	372	200		
---	200	132	110																				
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	7314B											
315LB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	7318B											

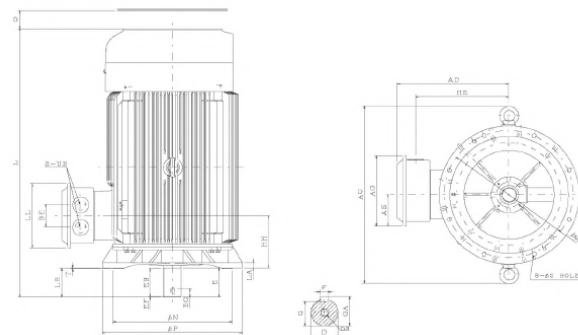
- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: js6
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV4)

外形及安装尺寸图



安装方式: V1 (IM 3011)



Dimension in mm

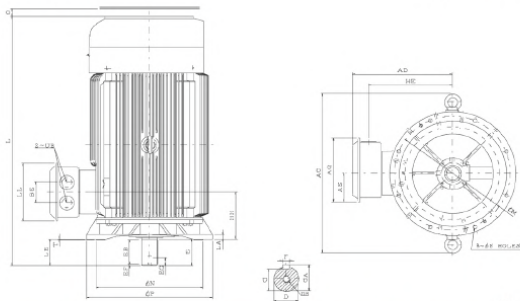
Output (kW)		FRAME	FLANGE DIMENSION																				
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O		
250	---	---	---	355MA	30	140	740	680	800	24	6	1026	633	408	184	130	520	302	1634	372	230		
---	250	160	132	355MB	30	170	740	680	800	24	6	1026	633	408	184	130	520	302	1555	372	230		
FRAME SIZE	UB	SHAFT EXTENSION							BEARING														
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END											
355MA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	7317B											
355MB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	7322B											

- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: js6
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV4)

外形及安装尺寸图

安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)		FRAME		FLANGE DIMENSION										SHAFT EXTENSION		BEARING						
2P	4P	6P	8P	S/ZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O	
315	---	---	---	355LA	30	140	740	680	800	24	6	1026	633	406	184	130	529	302	1684	372	230	
---	315	250	200	355LB	30	170	740	680	800	24	6	1026	633	406	184	130	529	302	1605	372	230	
FRAME SIZE	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END										
355LA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	7317B										
355LB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	7322B										

- Note:**
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: js6
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B3 (IM 1001)

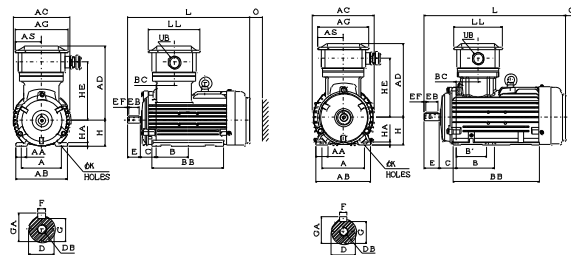


FIG.1

FIG.2

Dimension in mm

Output (kW)		FRAME		FIG. NO.	SHAFT EXTENSION										BEARING						
2P	4P	6P	8P	SIZE	A	AA	AB	AC	AD	AG	AS	B	B'	BB	BC	C	H	HA	HE		
0.75	---	---	---	80M	1	125	34.5	161	177	225	166	83	100	---	222	55.5	50	80	10	176	
1.1	0.75	---	---		140	40	180	202	238	166	83	100	---	284	71	56	90	10	189		
1.5	1.1	0.75	---	90L	2	140	40	180	202	238	166	83	125	100	284	71	56	90	10	189	
2.2	1.5	1.1	---			160	40	200	219	248	166	83	140	---	295	51	63	100	12	199	
3	2.2	1.5	---	100L	2	160	40	200	219	248	166	83	140	---	295	51	63	100	12	199	
---	3	---	---			190	45	235	238	256	166	83	140	---	342	58	70	112	13	207	
4	4	2.2	---	112M	2	190	45	235	238	256	166	83	140	---	342	58	70	112	13	207	
FRAME SIZE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END					
80M	10	380	160	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6204ZZ					
90S	10	465	160	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6205ZZ					
90L	10	465	160	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6205ZZ					
100L	12	503	160	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6206ZZ					
112M	12	566	160	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6306ZZ					

- Note:**
1. Tolerance of shaft end diameter D: j6.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B3 (IM 1001)

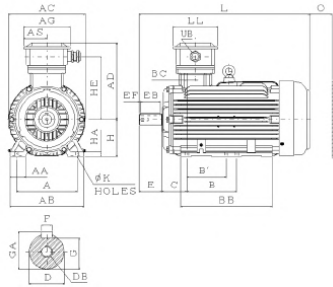


FIG.3

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	SHAFT EXTENSION														BEARING														
2P	4P	6P	8P			A	AA	AB	AC	AD	AG	AS	B	B'	BB	BC	C	H	HA	HE	K	L	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
5.5	5.5	3	---	132S	3	216	57	263	273	273	166	83	140	---	290	31	89	132	16	224	12	570												
7.5	---	---	---			216	57	263	273	273	166	83	178	140	326	31	89	132	16	224	12	606												
---	7.5	4	---	132M		216	57	263	273	273	166	83	178	140	326	31	89	132	16	224	12	606												
---	5.5	---	---			216	57	263	273	273	166	83	178	140	326	31	89	132	16	224	12	606												
FRAME SIZE	LL	O	UB	SHAFT EXTENSION														BEARING																
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END																				
132S	160	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ																				
132M	160	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ																				

- Note: 1. Tolerance of shaft end diameter D: k6.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B3 (IM 1001)

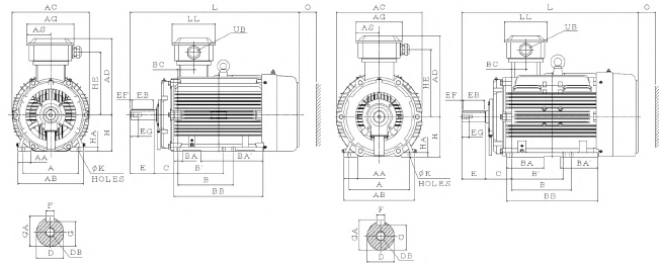


FIG.4

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	SHAFT EXTENSION														BEARING																
2P	4P	6P	8P			A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END		
11	11	7.5	4	160M	4	254	60	300	355	341.5	215	107.5	210	---	38	286	408	72	108	160	18	288	14.5													
15	---	---	5.5			254	60	300	355	341.5	215	107.5	254	210	38	286	408	72	108	160	18	288	14.5													
18.5	15	11	7.5	160L	5	279	65	330	400	376.5	215	107.5	241	---	174	174	424	66	121	180	20	313	14.5													
22	18.5	---	---	180M		279	65	330	400	376.5	215	107.5	279	241	174	174	424	66	121	180	20	313	14.5													
---	22	15	11	180L		279	65	330	400	376.5	215	107.5	279	241	174	174	424	66	121	180	20	313	14.5													
FRAME SIZE	L	LL	O	UB	SHAFT EXTENSION														BEARING																	
					D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END																					
160M	773	199	60	M50X1.5	42	110	100	5	36	12	37	45	M16	6309C3	6307C3																					
160L					42	110	100	5	36	12	37	45	M16	6309C3	6307C3																					
180M	819	199	70	M50X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311C3	6310C3																					
180L					48	110	100	5	36	14	42.5	51.5	M16	6311C3	6310C3																					

- Note: 1. Tolerance of shaft end diameter D: k6.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B3 (IM 1001)

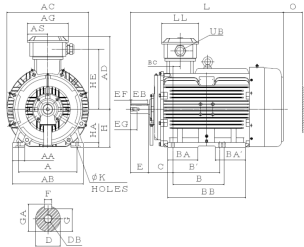


FIG. 6

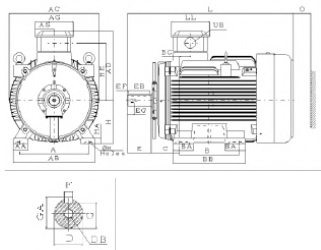


FIG. 7

Dimension in mm

Output (kW)		FRAME		FIG.	SHAFT EXTENSION																	BEARING				
2P	4P	6P	8P		SIZE	NO.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	C	H	HA	HE	K	DRIVE END	OPPOSITE DRIVE END
30	37	18.5	15	200L	6	318	70	378	490	408.5	249	124.5	305	---	165	165	480	71	133	200	24	336	18.5			
---	37	---	---	225SC		356	75	431	500	433.5	249	124.5	286	---	185	185	475	44.5	149	225	28	361	18.5			
45	---	---	---	225MA		356	75	431	500	433.5	249	124.5	311	286	185	185	475	44.5	149	225	28	361	18.5			
---	45	30	18.5	22	225MC	356	75	431	500	433.5	249	124.5	311	286	185	185	475	44.5	149	225	28	361	18.5			
55	---	---	---	250MA	7	406	85	480	527.5	403.5	249	124.5	349	---	120	120	425	63.5	168	250	30	328	24			
---	55	37	30	250MC		406	85	480	527.5	403.5	249	124.5	349	---	120	120	425	63.5	168	250	30	328	24			
---	55	37	30	250MC		406	85	480	527.5	403.5	249	124.5	349	---	120	120	425	63.5	168	250	30	328	24			
FRAME SIZE	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END											
200L	923	224	80	M63X1.5	55	110	100	5	42	16	49	59	M20	6312C3	6212C3											
225SC	962	224	90	M63X1.5	60	140	125	7.5	42	18	53	64	M20	(6312C3)	(6212C3)											
225MA	932	224	90	M63X1.5	55	110	100	5	42	16	49	59	M20		6313C3	6213C3										
225MC	962	224	90	M63X1.5	60	140	125	7.5	42	18	53	64	M20		6313C3	6213C3										
250MA	977.5	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3											
250MC	977.5	224	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313											

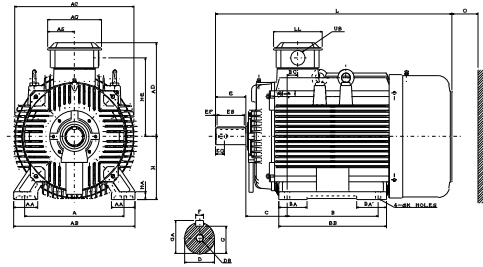
- Note:
1. Tolerance of shaft end diameter D: m6.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. Bearing No. In () is for 2P.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B3 (IM 1001)



Dimension in mm

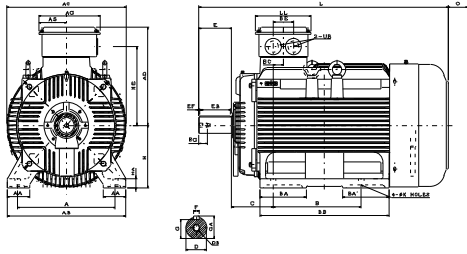
Output (kW)		FRAME		FIG.	SHAFT EXTENSION																	BEARING			
2P	4P	6P	8P		SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	C	H	HA	HE	K	DRIVE END	OPPOSITE DRIVE END	
75	---	---	---	280SA	457	110	560	620	457	249	124.5	368	125	125	446	54	190	280	35	385	24				
---	75	45	---	280SB	457	110	560	620	457	249	124.5	368	125	125	446	54	190	280	35	385	24				
90	---	---	---	280MA	457	110	560	620	457	249	124.5	419	125	125	497	54	190	280	35	385	24				
---	90	55	---	280MB	457	110	560	620	457	249	124.5	419	125	125	497	54	190	280	35	385	24				
FRAME SIZE	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END										
280SA	1042.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3										
280SB	1042.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3										
280MA	1092.5	224	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3										
280MB	1092.5	224	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3										

- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Shaft Center Height H: +0, -1
 3. Tolerance of Key Width F: h9
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)		FRAME		SHAFT EXTENSION																BEARING	
2P	4P	6P	SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE	
110	---	---	315SA	508	115	615	682	578	408	184	406	---	---	780	68	130	216	315	45	474	
---	110	75	315SB	508	115	615	682	578	408	184	406	---	---	780	68	130	216	315	45	474	
132	---	---	315MA	508	115	615	682	578	408	184	457	---	---	780	68	130	216	315	45	474	
---	132	90	315MB	508	115	615	682	578	408	184	457	---	---	780	68	130	216	315	45	474	

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION				BEARING				DRIVE END	OPPOSITE DRIVE END	
						D	E	EB	EG	F	G	GA	DB			
315SA	28	1436	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	28	1466	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6318C3	6316C3
315MA	28	1436	288	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315MB	28	1466	288	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6318C3	6316C3

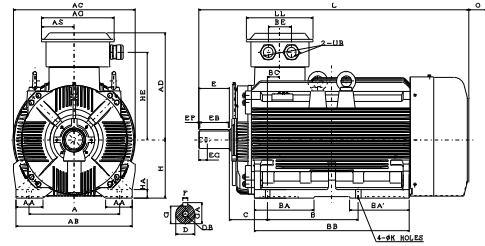
- Note: 1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Shaft Center Height H: +0, -1
 3. Tolerance of Key Width F: h9
 4.T-Box Assy with two cable grand bodies.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)		FRAME		SHAFT EXTENSION																BEARING	
2P	4P	6P	SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE	
160	---	---	315LA	508	115	615	682	578	408	184	508	---	---	780	68	130	216	315	45	474	
200	---	---	315LA	508	115	615	682	578	408	184	508	---	---	780	68	130	216	315	45	474	
---	160	110	315LB	508	115	615	682	578	408	184	508	---	---	780	68	130	216	315	45	474	
---	200	132	315LB	508	115	615	682	578	408	184	508	---	---	780	68	130	216	315	45	474	

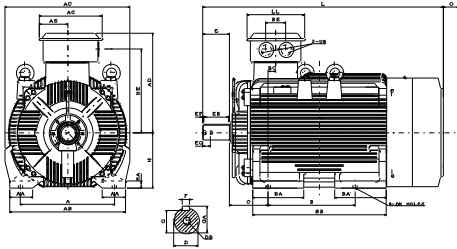
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION				BEARING				DRIVE END	OPPOSITE DRIVE END	
						D	E	EB	EG	F	G	GA	DB			
315LA	28	1436	372	200	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315LB	28	1466	372	200	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

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

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)		FRAME		A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA
2P	4P	6P	SIZE																
250	---	---	355MA	140	150	750	810	633	408	184	560	330	330	860	48	130	254	355	45
---	250	160 200	355MB	170	150	750	810	633	408	184	560	330	330	860	48	130	254	355	45
SHAFT EXTENSION												BEARING							
FRAME SIZE	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END		
355MA	529	28	1525	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3		
355MB	529	28	1555	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3		

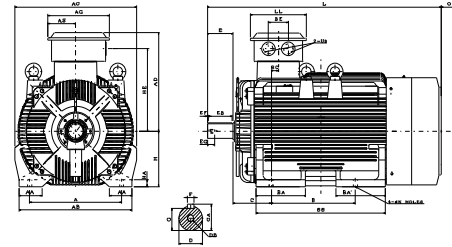
- Note: 1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Shaft Center Height H: +0, -1
 3. Tolerance of Key Width F: h9
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B3 (IM 1001)



Dimension in mm

Output (kW)		FRAME		A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA
2P	4P	6P	SIZE																
315	---	---	355LA	610	150	750	810	633	408	184	630	330	330	910	48	130	254	355	45
---	315	250	355LB	610	150	750	810	633	408	184	630	330	330	910	48	130	254	355	45
SHAFT EXTENSION												BEARING							
FRAME SIZE	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END		
355LA	529	28	1575	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3		
355LB	529	28	1605	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3		

- Note: 1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Shaft Center Height H: +0, -1
 3. Tolerance of Key Width F: h9
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B5 (IM 3001)

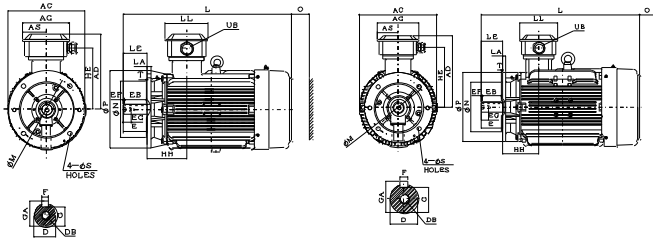


FIG.3

FIG.4

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION											AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P			LA	LE	M	N	P	S	T	LA	LE	M	N							
11	15	11	7.5	4 5.5	160M	3	110	300	250	350	18.5	5	355	341.5	215	107.5	288	180	773				
18.5	15	11	7.5	160L	110		300	250	350	18.5	5	355	341.5	215	107.5	288	180	773					
22	18.5	---	---	180M	4	110	300	250	350	18.5	5	400	376.5	215	107.5	313	187	819					
---	22	15	11	180L		110	300	250	350	18.5	5	400	376.5	215	107.5	313	187	819					
				FRAME SIZE	LL	O	UB	SHAFT EXTENSION						BEARING				DRIVE END	OPPOSITE DRIVE END				
D	E	EB	EF					EG	F	G	GA	DB	D	E	EB	EF	EG			F	G	GA	DB
160M	199	60	M50X1.5	42	110	100	5	36	12	37	45	M16	6309C3	6307C3									
160L	199	60	M50X1.5	42	110	100	5	36	12	37	45	M16											
180M	199	70	M50X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311C3	6310C3									
180L	199	70	M50X1.5	48	110	100	5	36	14	42.5	51.5	M16											

- Note:
1. Tolerance of shaft end diameter D: k6.
 2. Tolerance of N: j6.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B5 (IM 3001)

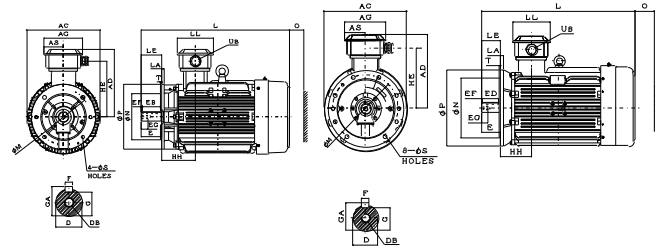


FIG.5

FIG.6

Dimension in mm

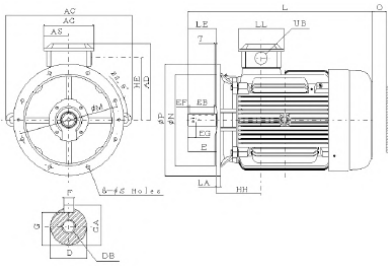
Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION											AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P			LA	LE	M	N	P	S	T	LA	LE	M	N							
30	37	30	18.5 22	15	200L	5	17	110	350	300	400	18.5	5	450	408.5	249	124.5	336	204	923			
---	37	---	---	225SC	20		140	400	350	450	18.5	5	500	433.5	249	124.5	361	193.5	962				
45	---	---	---	225MA	6	20	110	400	350	450	18.5	5	500	433.5	249	124.5	361	193.5	932				
---	45	30	18.5 22	225MC		20	140	400	350	450	18.5	5	500	433.5	249	124.5	361	193.5	962				
				FRAME SIZE	LL	O	UB	SHAFT EXTENSION						BEARING				DRIVE END	OPPOSITE DRIVE END				
D	E	EB	EF					EG	F	G	GA	DB	D	E	EB	EF	EG			F	G	GA	DB
200L	224	80	M63X1.5	55	110	100	5	42	16	49	59	M20	6312C3	6212C3									
225SC	224	90	M63X1.5	60	140	125	7.5	42	18	53	64	M20			(6312C3)	(6212C3)							
225MA	224	90	M63X1.5	55	110	100	5	42	16	49	59	M20	6313C3	6213C3									
225MC	224	90	M63X1.5	60	140	125	7.5	42	18	53	64	M20											

- Note:
1. Tolerance of shaft end diameter D: k6.
 2. Tolerance of N: j6.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)		FRAME		FLANGE DIMENSION								AC		AD		AG		AS		HE		HH		L	
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	HE	HH	L							
55	---	---	---	250MA	22	140	500	450	550	18.5	5	738	403.5	249	124.5	328	231.5	977.5							
---	55	37	30	250MC	22	140	500	450	550	18.5	5	738	403.5	249	124.5	328	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	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	631C3	6313C3
250MC	224	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

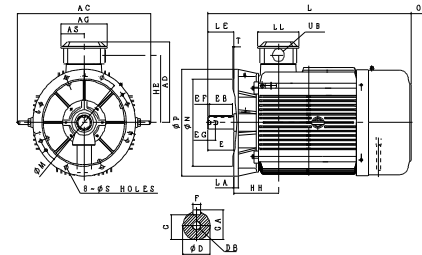
- Note:
1. Tolerance of shaft end diameter D: m6.
 2. Tolerance of N: j6.
 3. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B5 (IM 3001)



Dimension in mm

Output (kW)		FRAME		FLANGE DIMENSION								AC		AD		AG		AS		HE		HH		L	
2P	4P	6P	8P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	HE	HH	L							
75	---	---	---	280SA	22	140	500	450	550	18.5	5	769	482	318	144	384	269	1276							
---	75	45	---	280SB	22	140	500	450	550	18.5	5	769	482	318	144	384	269	1276							
90	---	---	---	280MA	22	140	500	450	550	18.5	5	769	482	318	144	384	269	1276							
---	90	55	---	280MB	22	140	500	450	550	18.5	5	769	482	318	144	384	269	1276							

FRAME SIZE	LL	O	UB	SHAFT EXTENSION								BEARING		
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	288	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280SB	288	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	288	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
280MB	288	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: j6
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B35 (IM 2001)

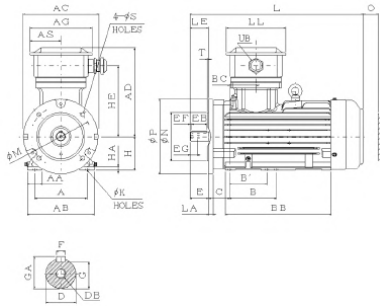


FIG.1

Dimension in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION																				
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BB	BC	C	H	
0.75	1.1	1.5	2.2	80M	1	12	40	165	130	200	12	3.5	125	34.5	161	177	225	166	83	100	---	222	55.5	50	80	
1.5	1.1	0.75	---	90S		12	50	165	130	200	12	3.5	140	40	180	202	238	166	83	100	---	284	71	56	90	
2.2	1.5	1.1	---	90L		12	50	165	130	200	12	3.5	140	40	180	202	238	166	83	125	100	284	71	56	90	
3	2.2	1.5	---	100L	16	60	215	180	250	14.5	4	160	40	200	219	248	166	83	140	---	295	51	63	100		
SHAFT EXTENSION																										
													BEARING													
FRAME SIZE	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END				OPPOSITE DRIVE END					
80M	10	176	10	380	160	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ				6204ZZ					
90S	10	189	10	465	160	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ				6205ZZ					
90L	10	189	10	465	160	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ				6205ZZ					
100L	12	199	12	503	160	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ				6206ZZ					

- Note: 1. Tolerance of shaft end diameter D: j6.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. Tolerance of N: j6.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B35 (IM 2001)

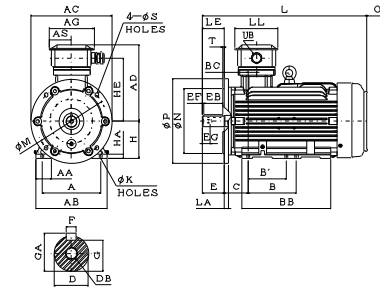


FIG.2

Dimension in mm

Output (kW)				FRAME	FIG.	FLANGE DIMENSION																				
2P	4P	6P	8P	SIZE	NO.	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BB	BC	C		
4	4	2.2	---	112M	2	15	60	215	180	250	14.5	4	190	45	235	238	256	166	83	140	---	342	58	70		
5.5	5.5	3	---	132S		16	80	265	230	300	14.5	4	216	57	263	273	273	166	83	140	---	290	31	89		
---	7.5	4	---	132M		16	80	265	230	300	14.5	4	216	57	263	273	273	166	83	178	140	326	31	89		
SHAFT EXTENSION																										
													BEARING													
FRAME SIZE	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END				OPPOSITE DRIVE END				
112M	112	13	207	12	566	160	450	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ				6306ZZ				
132S	132	16	224	12	570	160	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ				6306ZZ				
132M	132	16	224	12	606	160	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ				6306ZZ				

- Note: 1. Tolerance of shaft end diameter D: $\psi 28: j6, \psi 38: k6$.
 2. Tolerance of shaft center high H: +0, -0.5.
 3. Tolerance of N: j6.
 4. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B35 (IM 2001)

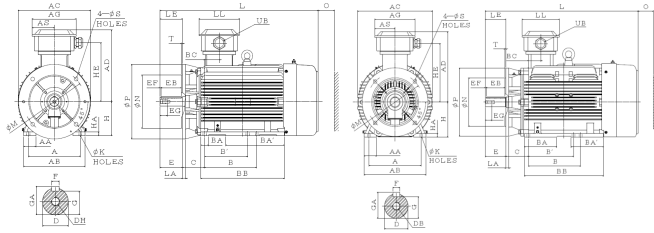


FIG.3

FIG.4

Dimension in mm

Output (kW)		FRAME				FIG.	FLANGE DIMENSION										SHAFT EXTENSION								BEARING												
2P	4P	6P	8P	SIZE	NO.		LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
11	15	11	7.5	4 5.5	160M	3	110	300	250	350	18.5	5	254	60	300	355	341.5	215	107.5	210	---	38	286	408													
18.5	15	11	7.5	160L	4		110	300	250	350	18.5	5	254	60	300	355	341.5	215	107.5	254	210	38	286	408													
22	18.5	15	---	180M		4	110	300	250	350	18.5	5	279	65	330	400	376.5	215	107.5	241	---	174	174	424													
---	22	15	11	180L			110	300	250	350	18.5	5	279	65	330	400	376.5	215	107.5	279	241	174	174	424													

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

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B35 (IM 2001)

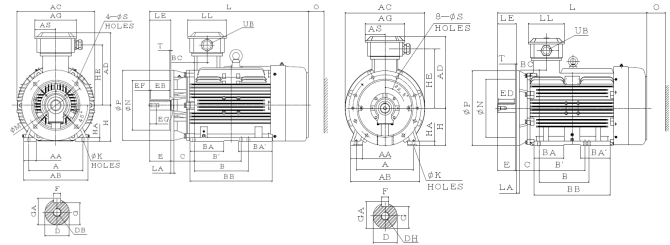


FIG.5

FIG.6

Dimension in mm

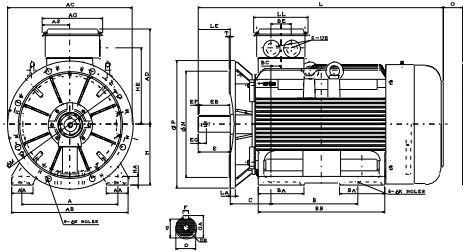
Output (kW)		FRAME				FIG.	FLANGE DIMENSION										SHAFT EXTENSION								BEARING													
2P	4P	6P	8P	SIZE	NO.		LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END		
30	37	30	18.5	22	15	200L	5	17	110	350	300	400	18.5	5	318	70	378	450	408.5	249	124.5	305	---	165	165	480	71											
---	37	---	---	225SC		20	140	400	350	450	18.5	5	356	75	431	500	433.5	249	124.5	286	---	185	185	475	44.5													
45	---	---	---	225MA		6	20	110	400	350	450	18.5	5	356	75	431	500	433.5	249	124.5	311	286	185	185	475	44.5												
---	45	30	18.5	22	225MC		20	140	400	350	450	18.5	5	356	75	431	500	433.5	249	124.5	311	286	185	185	475	44.5												

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

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)		FRAME		FLANGE DIMENSION																			
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BB	BC	BE	
110	---	---	315SA	25	140	600	550	660	24	6	508	115	615	682	578	408	184	406	---	---	780	68	130
---	110	75	315SB	25	170	600	550	660	24	6	508	115	615	682	578	408	184	406	---	---	780	68	130
132	---	---	315MA	25	140	600	550	660	24	6	508	115	615	682	578	408	184	457	---	---	780	68	130
---	132	90	315MB	25	170	600	550	660	24	6	508	115	615	682	578	408	184	457	---	---	780	68	130
											SHAFT EXTENSION							BEARING					
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	DRIVE END	OPPOSITE DRIVE END	
315SA	216	315	45	484	28	1436	372	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3			
315SB	216	315	45	484	28	1466	372	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3			
315MA	216	315	45	484	28	1436	372	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3			
315MB	216	315	45	484	28	1466	372	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3			

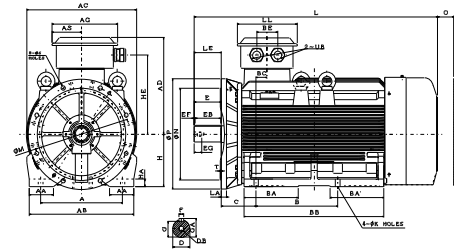
- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of Shaft Center Height H: +0, -1
 4. Tolerance of N :js6
 - 5.T-Box Assy with two cable grand bodies.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B35 (IM 2001)



Dimension in mm

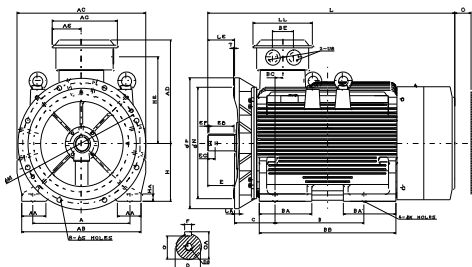
Output (kW)		FRAME		FLANGE DIMENSION																			
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BB	BC	BE	
160	200	---	315LA	30	140	600	550	660	24	6	508	115	615	682	578	408	184	508	---	---	780	68	130
---	160	132	315LB	30	170	600	550	660	24	6	508	115	615	682	578	408	184	508	---	---	780	68	130
											SHAFT EXTENSION							BEARING					
FRAME SIZE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	DRIVE END	OPPOSITE DRIVE END	
315LA	216	315	45	474	28	1436	372	200	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3			
315LB	216	315	45	474	28	1466	372	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 Key Width F: h9
 3. Tolerance of Shaft Center Height H: +0, -1
 4. Tolerance of N :js6
 - 5.T-Box Assy with two cable grand bodies.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION								SHAFT EXTENSION														BEARING																		
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
250	---	---	355MA	30	140	740	680	800	24	6	610	150	750	810	633	408	184	560	330	330	860	48	130	254	355	45	529	28	1525	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3
---	250	160/200	355MB	30	170	740	680	800	24	6	610	150	750	810	633	408	184	560	330	330	860	48	130	254	355	45	529	28	1555	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

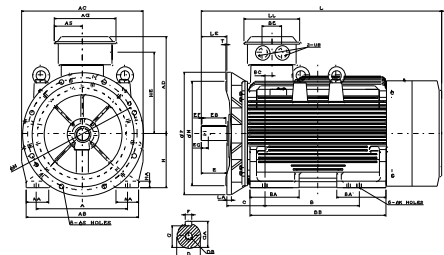
- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of Shaft Center Height H: +0, -1
 4. Tolerance of N: js6
 5. T-Box Assy with two cable gland bodies.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: B35 (IM 2001)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION								SHAFT EXTENSION														BEARING																		
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE	K	L	LL	O	UB	D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315	---	---	355LA	30	140	740	680	800	24	6	610	150	750	810	633	408	184	630	330	330	910	48	130	254	355	45	529	28	1575	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	6317C3
---	315	250	355LB	30	170	740	680	800	24	6	610	150	750	810	633	408	184	630	330	330	910	48	130	254	355	45	529	28	1605	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

- Note:
1. Tolerance of Shaft End Diameter D: m6
 2. Tolerance of Key Width F: h9
 3. Tolerance of Shaft Center Height H: +0, -1
 4. Tolerance of N: js6
 5. T-Box Assy with two cable gland bodies.

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: V1 (IM 3011)

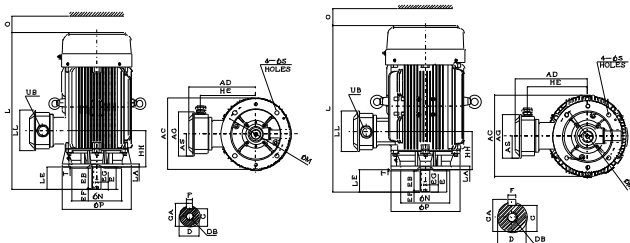


FIG.3

FIG.4

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P			LA	LE	M	N	P	S	T							
11	15	11	7.5	4 5.5	160M	3	110	300	250	350	18.5	5	355	341.5	215	107.5	288	180	773
18.5	15	11	7.5	160L	110		300	250	350	18.5	5	355	341.5	215	107.5	288	180	773	
22	18.5	---	---	180M	4	110	300	250	350	18.5	5	400	376.5	215	107.5	313	187	819	
---	22	15	11	180L		110	300	250	350	18.5	5	400	376.5	215	107.5	313	187	819	
FRAME SIZE		LL	O	UB	SHAFT EXTENSION							BEARING							
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END				OPPOSITE DRIVE END				
160M	199	60	M50X1.5	42	110	100	5	36	12	37	45	M16	6309C3				6307C3		
160L	199	60	M50X1.5	42	110	100	5	36	12	37	45	M16	6311C3				6310C3		
180M	199	70	M50X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311C3				6310C3		
180L	199	70	M50X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311C3				6310C3		

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

2. Tolerance of N: j6.

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

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: V1 (IM 3011)

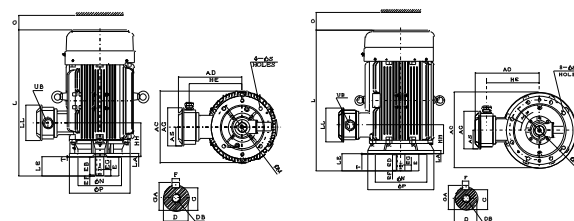


FIG.5

FIG.6

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	HE	HH	L	
2P	4P	6P	8P			LA	LE	M	N	P	S	T								
30	37	30	18.5	22	200L	5	17	110	350	300	400	18.5	5	450	408.5	249	124.5	336	204	923
---	37	---	---	225SC	20		140	400	350	450	18.5	5	500	433.5	249	124.5	361	193.5	962	
45	---	---	---	225MA	6	20	110	400	350	450	18.5	5	500	433.5	249	124.5	361	193.5	932	
---	45	30	18.5	22		225MC	20	140	400	350	450	18.5	5	500	433.5	249	124.5	361	193.5	962
FRAME SIZE		LL	O	UB	SHAFT EXTENSION							BEARING								
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END				OPPOSITE DRIVE END					
200L	224	80	M63X1.5	55	110	100	5	42	16	49	59	M20	6312C3				6212C3			
225SC	224	90	M63X1.5	60	140	125	7.5	42	18	53	64	M20	(6312C3)				(6212C3)			
225MA	224	90	M63X1.5	55	110	100	5	42	16	49	59	M20	6313C3				6213C3			
225MC	224	90	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3				6213C3			

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

2. Tolerance of N: j6.

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

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: V1 (IM 3011)

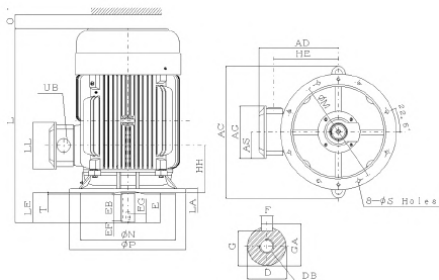


FIG.1

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION								AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P			LA	LE	M	N	P	S	T								
55	---	---	---	250MA	1	22	140	500	450	550	18.5	5	738	403.5	249	124.5	328	231.5	977.5	
---	55	37	30	250MC		22	140	500	450	550	18.5	5	738	403.5	249	124.5	328	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	224	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3						
250MC	224	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.

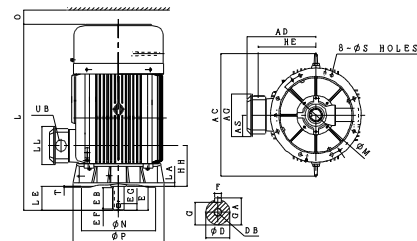
3. T-Box Assy with a cable grand body.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION								AC	AD	AG	AS	HE	HH	L
2P	4P	6P	8P		LA	LE	M	N	P	S	T								
75	---	---	---	280SA	22	140	500	450	550	18.5	5	769	482	318	144	385	269	1276	
---	75	45	---	280SB	22	140	500	450	550	18.5	5	769	482	318	144	385	269	1276	
90	---	---	---	280MA	22	140	500	450	550	18.5	5	769	482	318	144	385	269	1276	
---	90	55	---	280MB	22	140	500	450	550	18.5	5	769	482	318	144	385	269	1276	
FRAME SIZE	LL	O	UB	SHAFT EXTENSION								BEARING							
				D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END					
280SA	288	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
280SB	288	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3					
280MA	288	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
280MB	288	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3					

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

2. Tolerance of Key Width F: h9

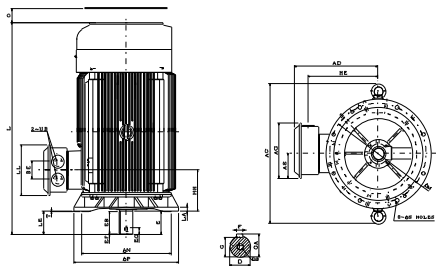
3. Tolerance of N: j6.

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

外形图 Outline (TEV5)

外形及安装尺寸图

安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION																	
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O
250	---	---	355MA	30	140	740	680	800	24	6	1026	633	408	184	130	529	302	1525	372	230
---	250	160 200	355MB	30	170	740	680	800	24	6	1026	633	408	184	130	529	302	1555	372	230
FRAME SIZE	UB	SHAFT EXTENSION								BEARING		DRIVE END	OPPOSITE DRIVE END							
		D	E	EB	EF	EG	F	G	GA	DB										
355MA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	7317B								
355MB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	7322B								

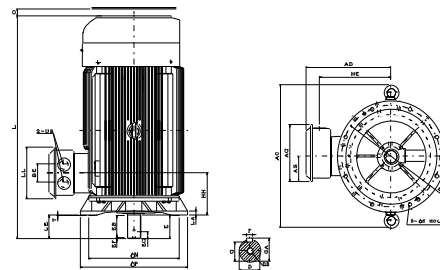
- Note: 1. Tolerance of shaft end diameter D: m6.
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: js6
 4. T-Box Assy with two cable grand bodies.

外形图 Outline (TEV5)

外形及安装尺寸图



安装方式: V1 (IM 3011)



Dimension in mm

Output (kW)		FRAME	FLANGE DIMENSION																	
2P	4P	6P	SIZE	LA	LE	M	N	P	S	T	AC	AD	AG	AS	BE	HE	HH	L	LL	O
315	---	---	355LA	30	140	740	680	800	24	6	1026	633	408	184	130	529	302	1575	372	230
---	315	250	355LB	30	170	740	680	800	24	6	1026	633	408	184	130	529	302	1605	372	230
FRAME SIZE	UB	SHAFT EXTENSION								BEARING		DRIVE END	OPPOSITE DRIVE END							
		D	E	EB	EF	EG	F	G	GA	DB										
355LA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6317C3	7317B								
355LB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	7322B								

- Note: 1. Tolerance of shaft end diameter D: m6.
 2. Tolerance of Key Width F: h9
 3. Tolerance of N: js6
 4. T-Box Assy with two cable grand bodies.

C-flange 法兰尺寸表

机座号 FRAME SIZE	法兰尺寸			
	M	N	P	S
80	160	80	120	M6
90	115	95	140	M8
100	130	110	160	M8
112	130	110	160	M8
132	168	130	200	M16