



QAMT系列 玻璃机械用三相异步电动机

Power and productivity
for a better world™



公司简介

上海ABB电机有限公司成立于1995年12月，隶属于世界500强ABB集团，是专门生产和销售低压交流三相异步电动机（机座号71-355）的企业。

公司提供符合IEC标准的各种电机，可满足不同行业需求，其产品包括标准电机、变频电机、船用电机、隔爆电机、烟道电机、多速电机、QA电机、制动电机、户外电机、无火花电机、铝壳电机、磨头电机。并可提供按客户要求设计的特殊电机，所有设计均可达到客户的严格要求。同时，公司可提供具有不同绝缘等级，并能满足不同电压和频率要求的各种电机。公司主要OEM客户是空调风机、港机及起重机械、泵业、减速机、机床、纺织机械、玻璃机械、船用、电厂辅机、电路板机械等行业领先企业。项目覆盖：电厂、制浆造纸、石化、冶金、船舶、港口、建筑、水泥、机场等。目前，公司生产的45%的电机通过ABB国际销售网络出口国外，主要是欧洲市场。

作为中国第一家获得ISO9001质量管理体系认证和ISO14001环境管理体系认证的中小型电机制造厂。上海ABB电机有限公司以其良好的管理和先进的技术，向客户提供世界顶级的ABB产品和服务。



Company Introduction

Founded in December 1995, ABB Shanghai Motors Co., Ltd., belongs to ABB Group, one of the world's Top 500 Corporations, and specializes in manufacturing and marketing low voltage AC 3-phase asynchronous motors of frame size from 71 to 355.

The company offers a wide range of IEC Standard motors to meet the demands of various industries, including Standard Motors, Frequency Conversion Motors, Marine Motors, Flameproof Motors, Smoke Venting Motors, Multi-speed Motors, QA Motors, Brake Motors, Outdoor Environment Motors, Non-sparking Motors, Cast Aluminum Motors, and Motors for Glass Machinery, together with specially customized motors as per customers' demands and meeting customers' stringent requirements. In addition, the company can supply a broad range of motors with various insulation classes, which can meet various voltage and frequency requirements. The company major OEM customers are leaders in HVAC, crane, pump, gearbox, machine tool, textile, glass, marine, power plant auxiliary equipment, circuit board, etc. And its projects cover: power plant, pulp and paper, PEC, metal, marine, port, building, cement, airport, etc. Forty-five percent of its motors are currently exported abroad, mainly to the European market.

As the first small-medium motor manufacturer with ISO9001 Certification and ISO14001 Certification in China, ABB Shanghai Motors Co., Ltd. Provides its customers with world-class ABB products and service with qualified management and advanced technology.



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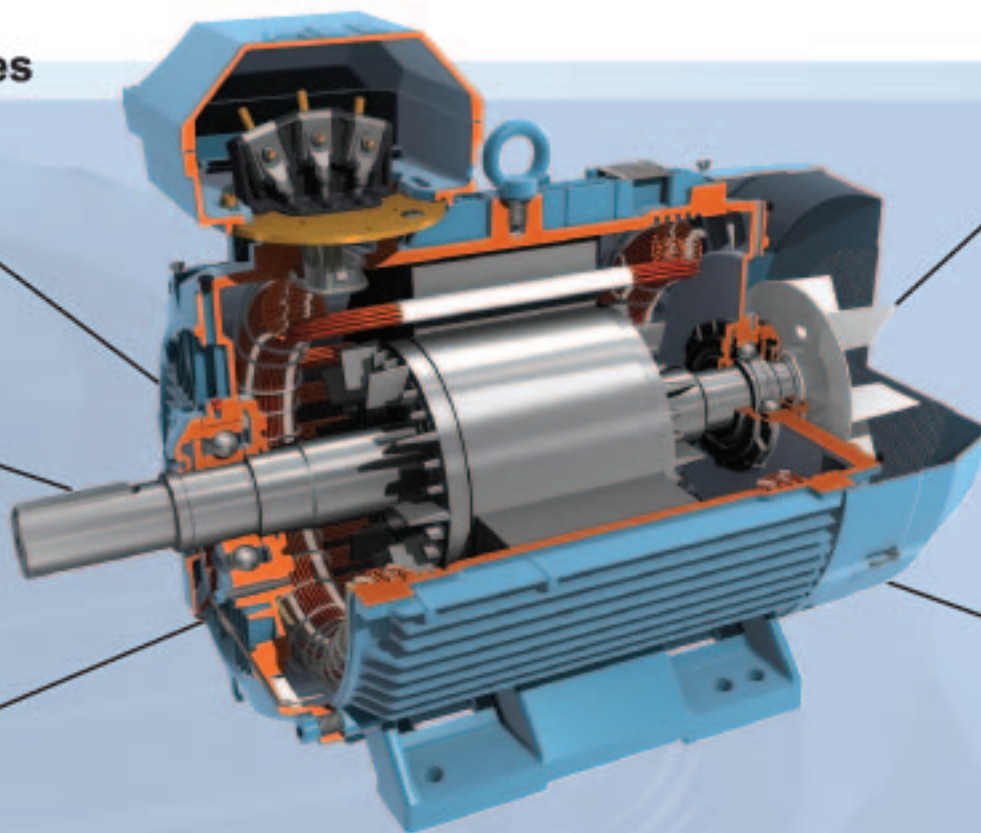
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ABB电机产品特点 ABB Motors Features

可靠
High Reliability

高效
High Efficiency

一致
Excellent Consistency



低噪音
Low Noise

高灵活性
High Flexibility

QAMT 系列突出特点

- ◆ 稳定可靠，在各种运行条件下均能保证优越的使用性能。
- ◆ 高一致性，使打磨成品的精度能够达到高度一致。
- ◆ 特殊的工艺保证了轴向窜动和径向跳动均能满足产品加工工艺的要求，确保成品精度。
- ◆ 严格控制震动，达到更高的表面光洁度。

Outstanding Features of QAMT Motors

- ◆ High consistency of all machined parts ensures the excellent performance of QAMT motors performance and reliability.
- ◆ Special technology ensures that axial float and radial runout and extremely low vibrations meet the high demands of motors for glass deep processing machinery.

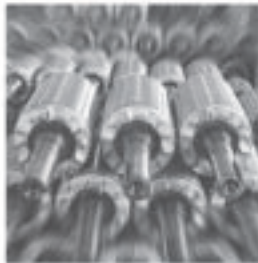




产品概述

QAMT系列玻璃机械用三相异步电动机（H80）

QAMT系列磨头电动机是为玻璃深加工设备配套设计的专用电机，适应行业需要，外壳具有良好的密封和防护性能，有效防止水溅和粉尘，保证电机运行性能。QAMT-I型选用进口优质SKF轴承，性能优异，噪音小，寿命长，适用于各类玻璃深加工机械；QAMT-III型可根据客户需求选择轴承。



Summary

QAMT Series Three-phase Induction Motors for Glass Machinery (H80)

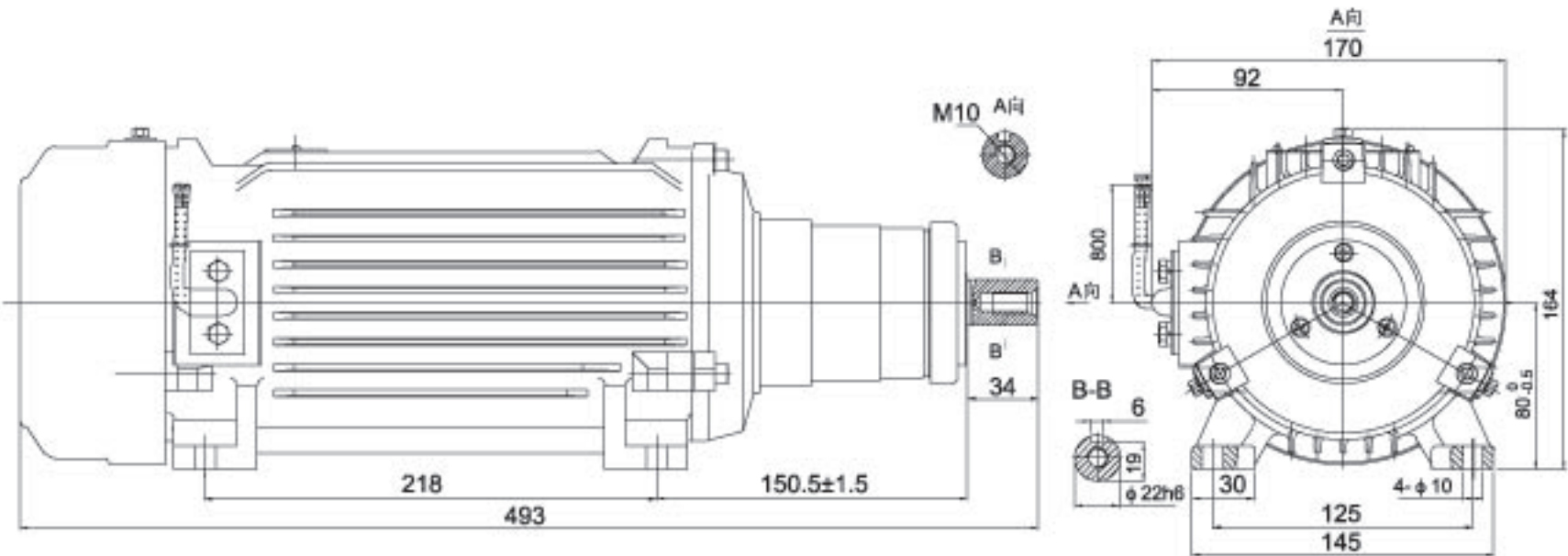
QAMT series three-phase induction motors for glass machinery are specially designed for glass deep-processing machinery, in line with the industrial requirements. QAMT-I with high-quality SKF bearings assure good performance, low noise level and long lifetime. Excellent sealing prevent water spray and dust from entering the motor, suitable for kinds of glass deep-processing machinery. Customers can select according to the demand for bearings of QAMT-III.

电机技术数据表 Technical Data Table

380V/50Hz

型号 Type	功率 kW	转速 Speed (r/min)	效率 Efficiency (%)	功率因数 Power Factor (cosφ)	额定电流 Current (A)	堵转电流 额定电流 Current $\frac{I_s}{I_N}$	堵转转矩 额定转矩 Torque $\frac{T_s}{T_N}$	最大转矩 额定转矩 Torque $\frac{T_{MAX}}{T_N}$	噪声 Noise Level Lp dB(A)	振动 Vibration (mm/s)	重量 Weight (kg)
QAMT80L4A-I	1.5	1400	74	0.77	4.00	6	2.4	2.2	55	1.6	27
QAMT80L2A-I	1.75	2825	78	0.86	3.96	6.5	2.0	2.0	67	1.6	25
QAMT80L2B-I	2.2	2800	78	0.88	4.87	6.5	2.0	2.0	67	1.6	27

安装及外形尺寸 Overall Dimensions



电机技术数据表 Technical Data Table

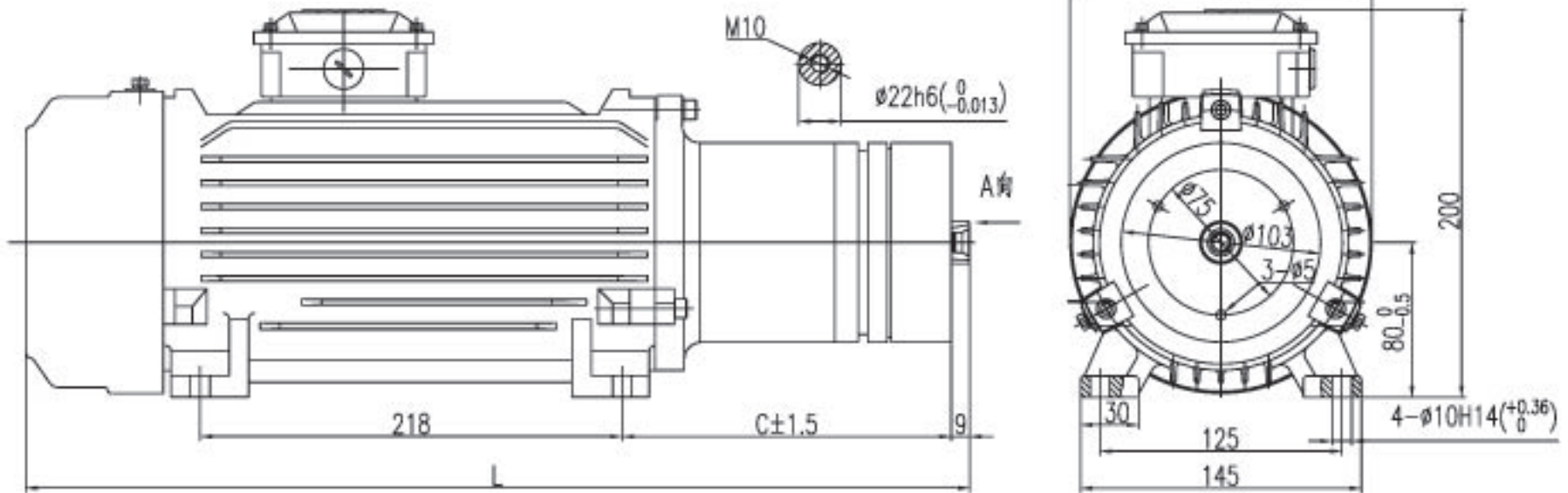
380V/50Hz

型号 Type	功率 kW	转速 Speed (r/min)	效率 Efficiency (%)	功率因数 Power Factor (cosφ)	额定电流 Current (A)	堵转电流 额定电流 Current $\frac{I_s}{I_N}$	堵转转矩 额定转矩 Torque $\frac{T_s}{T_N}$	最大转矩 额定转矩 Torque $\frac{T_{MAX}}{T_N}$	噪声 Noise Level Lp dB(A)	振动 Vibration (mm/s)	重量 Weight (kg)
QAMT80L4A-III	1.5	1400	74	0.77	4.00	6	2.4	2.2	55	1.6	27
QAMT80L2A-III	1.75	2825	78	0.86	3.96	6.5	2.0	2.0	67	1.6	25
QAMT80L2B-III	2.2	2800	78	0.88	4.87	6.5	2.0	2.0	67	1.6	27
QAMT80L2C-III	3	2835	80.5	0.89	5.94	7.0	2.5	2.5	67	1.6	29

安装及外形尺寸 Overall Dimensions

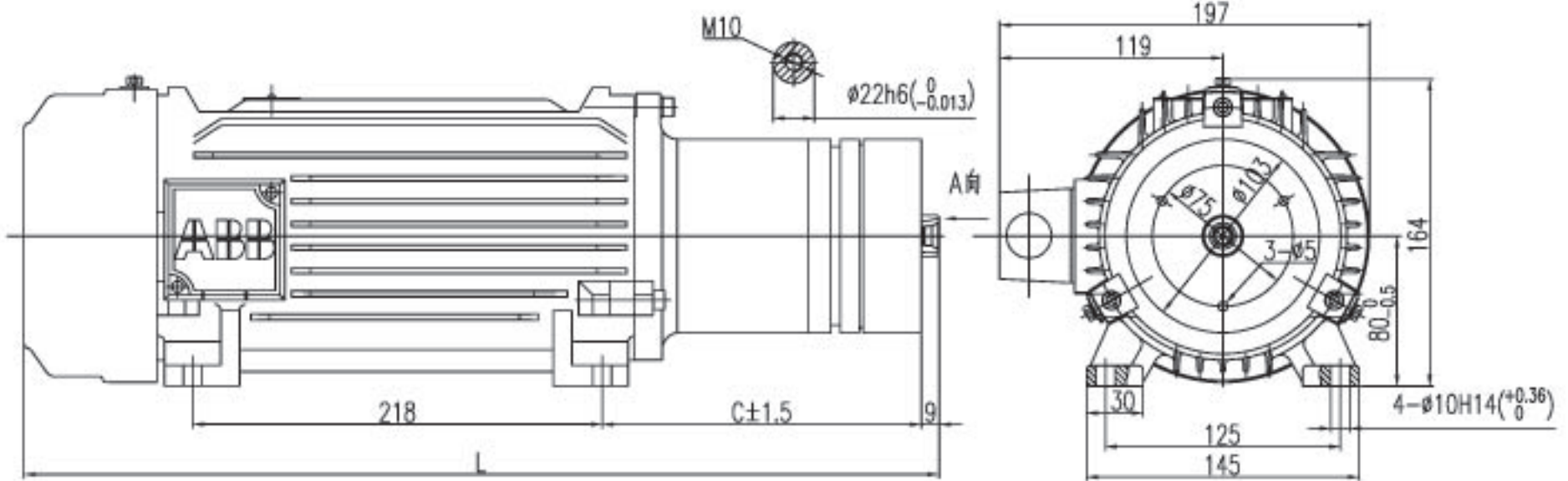
三相电动机，底脚安装，接线盒置顶

three-phase motor, foot mounted, terminal box top-mounted



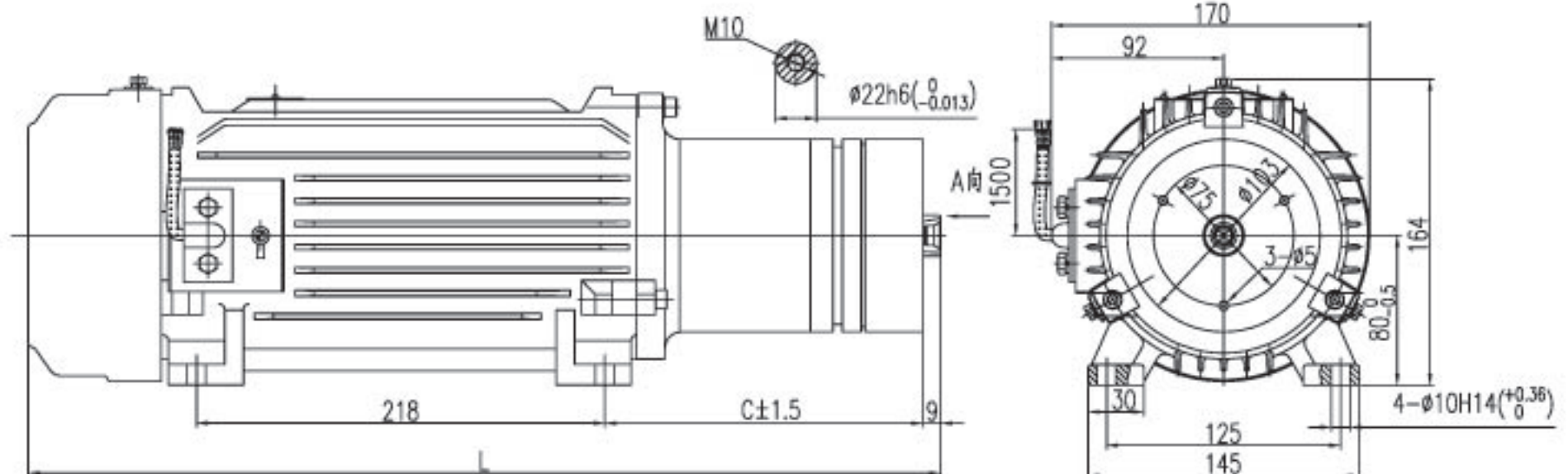
三相电动机，底脚安装，接线盒左侧

three-phase motor, foot mounted, terminal box on the left hand side



三相电动机，底脚安装，无接线盒

three-phase motor, foot mounted, no terminal box



Type	Size	C	L
QAMT80L-III	S	145	465
QAMT80L-III	L	171	490

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