

# Type Approval Certificate



This is to certify that the undemoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 62 000 - 14 HH

Company Shanghai Top Motor Co., Ltd.

No.303 Kangliu Road Kangqiao Town  
Pudong, Shanghai, 201315, CHINA

Product Description Induction Motors  
Cast iron frame

Type T1C., T2C., T3C., frame sizes 80 up to 355  
TCl., TCP., frame sizes 80 up to 355

Environmental Category H

Technical Data / Range of Application Place of manufacturing: SHANGHAI HIMAK ELECTRICAL MA.. CO., LTD.  
No. 568 YUANXI Rd, NANHUI Industry Area  
Pudong, Shanghai, P. R. China

Sizes: 1, 2, 3, S, S1, S2, M, M1, M2, L, L1, L2  
Rated voltage: 220 V up to 690 V  
Rated power, Duty Type: S1 0,75 kW up to 315 kW  
Synchronous speed: 750 1/min up to 3600 1/min  
Rated frequency: 50 Hz, 60 Hz  
Ambient temperature: 45 °C  
Thermal class: 155 (F)  
Degree of protection: IP 55, IP 56, IP 65  
No. of poles: 2, 4, 6 and 8  
Spec. model: For marine applications / environments

Test Standard Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012

Documents Drawing: 8MHY.010.T035; 8MHY.010.T036 dated 2014-03-12  
Technical data: TECHTOP, T.C-serie page 44 - 46  
Test report: T3C 315L2-6, Report No. 20140312001 dated 2014.03.11  
Catalogue: SHANGHAI TOP MOTOR CO., LTD, TECHTOP Motor 2013

Remarks None

Valid until 2019-04-01

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File No. I.G.03

Hamburg, 2014-04-02

Type Approval Symbol



**Germanischer Lloyd**

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