



MRL W LINE First Class Solution with "Class A" Certification

Different type of MRL W Line Machine Roomless Lift systems that the main components produced by Wittur Group and lifts are located in Germany, Austria and Turkey are certified by TÜV SÜD for "Energy Efficiency of Lifts according to VDI 4707 Part I".

Wittur Türkiye achieved another important milestone among the lift industry in Turkey: MRL W Line Machine Roomless lift produced by Wittur Türkiye was certified with "A Class" after necessary

audit process'.

In recent years, ecology has been high on every-one's agenda both in private and economic terms. It has been evident that lawmakers are encouraging and enforcing energy efficiency considerations in the planning and maintenance of buildings and that includes lifts.

Recently announced VDI 4707 guideline aims to be the basis for assessing and identifying the energy performance of lift systems.

Wittur Group makes a significant contribution to this efforts, by making ecological responsibility one of its basic corporate principles. "A Class" certification proves the Wittur management commitment, the importance that gives to the issue and the right direction of its efforts.

During the energy efficiency certification process, first the lift usage category is defined depending on the daily travel time and the number of travel cycles. In order to determine standby energy consumption, the energy consumption of all electrical components which ensure during standby that the lift is ready for operation and use are measured.

Then, the lift's total energy consumption during operation in a defined test cycle is measured. Collected all specific consumption data are compared with reference values in VDI guideline 4707. However, every lift system must be assessed individually.

In the past years, in line with the targets of energy efficiency in products developed by Wittur, well-considered and successful results were reached in many products. Energy consumption related advantages of some components used in MRL W Line Machine Roomless lift systems as follows.

Being the largest independent supplier of lift doors in the world, Wittur set itself the target of reducing the power consumption of lift door drives by streamlining its drive portfolio with permanent magnet synchronous motors.

WITTUR doors equipped with "ECO Drive" have an average power consumption of just 25 W for door operation and standby consumption of only 4W. By using state-of-the-art power-saving components and a sophisticated design for the drive electronics, the consumption of a VVVF gearless drive system is 2.5 times higher than the Wittur ECO Drive.

Wittur gearless lift drives offer cutting-edge technology. Wittur Servogearless WSG S serie machines, energy consumption is

approximately 40% less than typical traditional geared drives. Thanks to the recent additional improvements realized in development of WSG ECO Gearless drives, the electrical current consumption is reduced. Combined with optimized frequency-inverters which provide for energy regeneration in certain performance classes, these lift drives boost the energy efficiency of the entire lift during traveling and stand-by operation.

Use of new eco-friendly LED lighting technology in Wittur lift cars is another innovation that contributes to energy efficiency. Energy-efficient LED lighting equipped lift car of 630 kg rated load consume no energy in stand-by operation and 12W are needed to generate lighting at for 100 lux.

Beside of the Energy Consumption certificate, the production range of MRL W Line is extended up to 2500 kg rated load and 1.60 m/s rated speed thanks to finalisation of the design and start of serial production of new Gearless drive type WSG S3.

In order to meet requirements and developments of the lift industry, Wittur Group will continue to work in the future as today on effective energy efficiency programs with intense committed efforts.



Zertifikat

über die Energieeffizienz von Aufzugsanlagen nach VDI 4707 Blatt 1

TÜV SÜD Industrie Service GmbH
Goschkestraße 10, 80000 München - Deutschland
besucht am 19.08.2009

Wittur Asansör Sanayi ve Ticaret Ltd. Şti.
Dudullu Organize Sanayi Bölgesi
2. Cadde No:13 Ümraniye
34776 İstanbul - Türkiye

Aufzug

Hersteller: Wittur

Modell: WSG S3

Rated load: 630 kg

Rated speed: 1.60 m/s

Rated power: 12 W

Standby power: 4 W

Energy consumption: 25 W

Energy efficiency class: A

This cert. is valid for the period of 5 years.

The cert. is valid for the period of 5 years.

according to

Certificate

about the energy efficiency of lifts according to VDI 4707 Part 1

TÜV SÜD Industrie Service GmbH
Goschkestraße 10, 80000 München - Germany
visited on 19.08.2009

Wittur Asansör Sanayi ve Ticaret Ltd. Şti.
Dudullu Organize Sanayi Bölgesi
2. Cadde No:13 Ümraniye
34776 İstanbul - Turkey

Lift

Manufacturer: Wittur

Model: WSG S3

Rated load: 630 kg

Rated speed: 1.60 m/s

Rated power: 12 W

Standby power: 4 W

Energy consumption: 25 W

Energy efficiency class: A

This cert. is valid for the period of 5 years.

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according to

Sertifika

Asansörlerde Enerji Verimliliği VDI 4707 Bölüm 1

TÜV SÜD Industrie Service GmbH
Goschkestraße 10, 80000 München - Almanya
ziyaret tarihi: 19.08.2009

Wittur Asansör Sanayi ve Ticaret Ltd. Şti.
Dudullu Organize Sanayi Bölgesi
2. Cadde No:13 Ümraniye
34776 İstanbul - Türkiye

Aşğıdaki bilgiler verildi:

Asansör tesis işletilen Enerji Verimliliği Sınıfı: A

Bu sertifika aşağıdaki bilgilerle geçerlidir:

Sertifika Tescil No: 20 08 10109556 001

Mühür: 19.08.2009

Asansör ve Enerjiyet Akademi Sertifikasyon Kurumu

Sigfried Meiser

TÜV SÜD Industrie Service GmbH
9916 EC Asansör Direktifi kapsamında onaylanmıştır, seri no: 0036

