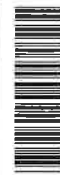


Mi, proizvođač/ We, the manufacturer: **KONČAR - MES d.o.o., Fallerovo šetalište 22, 10000 Zagreb, Croatia** izjavljujemo i potvrđujemo pod punom odgovornošću sukladnost proizvoda: *With full responsibility we state and confirm conformity of the product:*

| | | | | | |
|-------------------------------------|------------------------------|----------------------|---|----------------------------------|-----------------|
| Code: | 1881213 | Fan: | VAAZ C 800 4,0m3/s 0Pa M100-12 C5M-M | | |
| N ^o : | 1071500-XXXXXXX 04/23 | P _{stat} Pa | 0 | Meas.cat. | A,STATIC |
| Type: | VAAZ C 800 | P _{tot} Pa | | Over. eff. | 27,4 |
| Mot. Type: | 5AZA 100-12 | n rpm | 480 | Eff. grade | 40 |
| Custom mark: | 646824 | U _N V | 230D/400Y | VSD | N |
| q _{v1} : m ³ /s | 4,0 | f Hz | 50 | T _{min-max} °C | -30/+55 |
| | | P _e kW | 0,36 | T _m kg/m ³ | 1,2 |
| | | I A | 2,68/1,55 | Weight kg | 58 |



705917

Naši proizvodi **AKSIJALNI VENTILATORI ZA HLAĐENJE I KLIMA TEHNIKU SERIJE VAAZ C 315 – 1600** (Aksijalni ventilator označen po tipu, izvedbi i vanjskom promjeru rotora - približna vrijednost veličine: 315-355-400-450-470-500-560-630-710-800-900-1000-1120-1250-1400-1600) su konstruirani važećim zakonima i posljednjim izdanjima normi:

Our product **AXIAL FANS FOR COOLING AND AIR HANDLING SERIES VAAZ C 315 – 1600** (Axial fan marking by the type, construction and outer diameter of rotor - approximate value sizes: 315-355-400-450-470-500-560-630-710-800-900-1000-1120-1250-1400-1600 designed according to valid Laws, standards and last issued norms:

| | |
|----------------|--|
| ISO 5801 | Industrijski ventilatori - Ispitivanje značajki ventilatora na normiranim mjerim. linijama/ Industrial fans - Performance testing using standardized airways |
| ISO 12499 | Industrijski ventilatori- Ispitivanje značajki ventilatora / Industrial fans. Mechanical safety of fans Guarding |
| ISO 14694 | Industrijski ventilatori- Značajke kvalitete uravnoteženja i razine vibracija / Quality and level of vibrations |
| EN 13857 | Sigurnost stroja- Sigurna udaljenost zone opasnosti prema ekstremitetima / Safety of machinery- Safety distances to prevent hazard zones being reached by upper and lower limbs (if fitted contact safety device is part of scope of delivery. |
| IEC 60076-22-6 | Energetski transformatori – Dio 22-6: Energetski transformatori i prigušnice – Električni ventilatori za transformatore / Power transformers – Part 22-6: Power transformer and reactor fittings – Electric fans for transformers |
| EN 60034-1 | Rotirajući elektro uređaji- Dio1: režim rada i performanse / Rotating electrical machines-Part 1: Rating and performance |
| EN 60204-1 | Sigurnost stroja- Elektro dijelova stroja-Dio 1. Opći zahtjevi / Safety of machinery- Electrical equipment of machines-Part 1. General requirements |
| EN 60529 | Stupnjevi zaštite osigurani kućištima (IP-Code) / Degrees of protection provided by enclosures (IP-Code) |
| EN 61000-6-2 | Elektromagnetska kompatibilnost (EMC) - Dio 6-2: Norme srodnih područja – Otpornost za industrijska područja/ Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments |
| EN 61000-6-4 | Elektromagnetska kompatibilnost (EMC) - Dio 6-4: Norme srodnih područja – Norme za emisije za industrijska područja / Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments |
| EN ISO 12100-1 | Sigurnost stroja- Osnovni koncept, opći princip konstruiranja- Dio 1. Osnovna terminologija, metodologija / Safety of machinery- Basic concepts, general principles for design- Part 1 Basic terminology, methodology |
| EN ISO 12100-2 | Sigurnost stroja- Osnovni koncept, opći princip konstruiranja- Dio 2. Tehničke smjernice / Safety of machinery- Basic concepts, general principles for design- Part 2 Technical principles |

Prema provedenim ispitivanjima ventilatori su sukladni slijedećoj regulativi:

According to conducted tests fans are in accordance with following Directives:

EMC regulativa 2014/30/EU (2004/108/EC), s obzirom na intrinzičke karakteristike emisije i razina imunosti, su u sukladnosti sa EN 60034-1 (za NISKONAPONSKE TROFAZNE ASINHRONE KAVEZNE MOTORE). Dokaz o ispunjavanju zahtjeva Evaluation Report 21580EMC150049 (KONČAR-IET). **Niskonaponska regulativa 2014/35/EU** – Ova izjava o sukladnosti je izrađena u skladu sa modulom A: Unutarnja kontrola proizvodnje. **Regulativa o strojevima 2006/42/EC** – Izjava o ugradnji – Navedeni proizvodi ne mogu se pustiti u rad dok stroj u koji se ugrađuju nije u sukladnosti sa MC 2006/42/EC. **Regulativa 2011/65/EU** – Izjava je sukladna Regulativi o ograničenju uporabe određenih opasnih tvari u električnoj i elektroničkoj opremi (preinačeno), uključujući 2015/863/EU. **ErP regulativa 2009/125/EC** – Ova izjava o sukladnosti izrađena je u skladu sa zahtjevima 2009/125/EC regulative i Uredbe komisije (EU) br. 327/2011 za visoku učinkovitost ventilatora. **Direktiva 2012/19/EU** o otpadnoj električnoj i elektroničkoj opremi (OEEO) - usklađeni smo sa navedenim na način upute koje upućujemo korisnicima proizvoda, prema navedenoj direktivi proizvod se zbrinjava putem ovlaštenog zbrinjavatelja otpada.

EMC Directive 2014/30/EU (2004/108/EC), regarding the intrinsic characteristics to emission and immunity levels, are in conformity with EN 60034-1 (for THREE PHASE LOW VOLTAGE SQUIRREL CAGE INDUCTION MOTORS). Proof of compliance: Evaluation Report 21580EMC150049 (KONČAR-IET). **Low Voltage Directive 2014/35/EU** - This certificate of conformity is according to module A: Internal production control. **Machinery Directive 2006/42/EC** – Certificate of Incorporation - The above products cannot put into service until the machinery into which they are incorporated has been declared to be in conformity with MC 2006/42/EC. **Directive 2011/65/EU** - on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast), including 2015/863/EU. **ErP 2009/125/EC Directive**-This certificate of conformity is according 2009/125/EC Directive and Commission Regulation (EU) No. 327/2011 that requires high efficiency ratings for fans. **DIRECTIVE 2012/19/EU** (WEEE) - we comply with the above in the way of the instructions we send to the users of the product, according to the above Directive the product is disposed of by an authorized waste disposal company

Pregled najvažnijih ispitivanja:

Proizvod na koji se odnosi ova izjava proizveden je i ispitan prema važećim propisima društva « KONČAR – MES » d.o.o. Ispitivanja su izvršena prema kontrolnim operacijama i planu ispitivanja. Rezultati ispitivanja zadovoljavaju zahtjeve, te su dokumentirani u ispitnim izvještajima

Ispitnim izvještajima dokumentirane su slijedeće kontrolne operacije i rezultati ispitivanja: provjera podataka o elektromotoru (podaci na natpisnoj pločici, kontrola mjera i provjere sukladnosti izvedbe prema dokumentaciji, ispitivanje i kontrola u praznom hodu - provjera ležajeva i rad na nazivnom broju okretaja, provjera otpora izolacije, provjera dielektričke čvrstoće izolacije kod 2Un+1000V gdje je Un= nazivni napon ili minimalno 2000V/60sekundi), provjera podataka o ventilatoru (podaci na natpisnoj pločici), kontrola mjera i provjere prije vrtnje (sukladnost izvedbe dokumentaciji, pregled zavara, provjera zategnutosti svih vijaka, odsutnost korozije, učvršćenje lopatica na glavini, učvršćenost kola ventilatora, minimalni zaštitni razmak kolo-kućište, provjera zaštite od upada stranih tijela), ispitivanje i kontrola u vrtnji (provjera ležajeva kod pokretanja i u radu na nazivnom broju okretaja, provjera smjera vrtnje, izmjere vibracije na ventilatoru, mjerenje buke, fazne struje, ulazne snage i provjera rada), pregled prije isporuke i opremanje pratećim dokumentima (pakiranje, debljine sloja boje, uputa za rukovanje i održavanje i izjava o sukladnosti).

Rezultati ispitivanja su baza ove Izjave o testiranju. Ispitivani proizvodi su označeni sa svrhom slijedivosti i stoga se mogu dodijeliti ovom certifikatu. Ovim potvrđujemo, da su dijelovi proizvedeni prema radioničkim crtežima i od provoklasnog materijala u skladu sa EN, DIN, ISO, IEC i VDE standardima, te su ispitivanja i pregledi koji se u njima navode izvršeni. Utvrđeno je da su proizvodi ispravni, te su otpušteni za isporuku. Rezultati izvršenih ispitivanja na našim proizvodima potvrđuju da gore navedeni proizvodi ispunjavaju specifikacije narudžbe. Podaci navedeni na natpisnoj pločici su unutar tolerancijskih odstupanja prema normi DIN 24166 klasa 2. Tolerancije geometrijskih mjera ventilatora prema ISO 13920-C. Oprema kojim su provedene kontrole i ispitivanja je kalibrirana i valjano umjerena.

Proizvod je namijenjen za ugradnju te mora biti instaliran sukladno našim uputama i upozorenjima o sigurnosti i ne smije biti pušten u pogon prije nego je potvrđena njegova skladnost sa zahtjevima iz Zakona i Pravilnika koji se na njega odnose. Upute za montažu, uporabu i održavanje, dostavljeni uz ventilacijski uređaj, sastavni su dio tehničke dokumentacije te je njihova primjena obavezna.

Overview of Capital Importance Examinations:

This statement refers on product that is manufactured and tested in compliance with "KONČAR - MES" Company Prescriptions. This statement refers on product that is Test according to the mentioned control operation and inspection plan have been carried out. The results fulfill the requirements and are documented in test reports. The following control operations and test results are documented in test reports: test data on the electric motors (the data on the nameplate, control measures and checks design compliance to documentation, testing and control in the no-load condition (bearing test at the nominal speed, insulation resistance test, high voltage test at 2Un+1000V where is Un= nominal voltage or min. 2000V/60sec), test data on the fan (the data on the nameplate), control measures and checks prior to rotation (design compliance to documentation, review of weld testing, check of tension of all screws, absence of corrosion, blade fastening on the hub, check of fastening of fan impeller, the minimum protective gap-round housing, check protection against intrusion of foreign bodies), testing and control in the rotation (bearing test at the start work on the nominal speed, checking the direction of rotation, vibration measure on fans, noise, phase currents, power consumption and checking of work), examination before delivery and equipping supporting documents (packing, the thickness of paint layers, instructions for operation and maintenance and declarations of conformity).

The test results are the basis for this inspection certificate. The tested items are labeled for purpose of traceability and can thus be assigned to this certificate. We hereby confirm that the parts have been manufactured according to the shop drawings and of first class material in accordance with EN, DIN, ISO, IEC and VDE Standards and the tests and inspections laid down there have been carried out. All data stated on name plate of this product are within range of allowance stated in regulations DIN 24166 class 2. Tolerances of dimensions are acc. to ISO 13920-C. The parts were found to be in order and were released for dispatch. The results of the tests performed on our delivery.

This product is intended for assembly, so it has to be installed according to our installation manual with all safety instructions applied and it is not allowed to commission before stating conformity with demands from all regulations and recommendations applicable. Installation, user and maintenance manual is delivered with ventilation device are constituent part of technical documentation so that their application is obligatory.

Odgovorna osoba proizvođača: / Responsible person of the manufacturer:

Zagreb:

KONČAR - MES d.o.o.
Potpis/signature:
Zagreb, Fallerovo šetalište 22

Marko Članec