

**POTVRDA O TIPNOM ODOBRENJU**  
**TYPE APPROVAL CERTIFICATE**Br /No **02-001479/023085**

Potvrđuje se da je ovaj proizvod, u skladu s Pravilima za klasifikaciju brodova, Dio 1. - Opći propisi, Odjeljak 3. - Tipno odobrenje proizvoda, odobren za ugradnju na brodove i postrojenja pod nadzorom Hrvatskog registra brodova.

*This is to certify that this product on the basis of the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products, is approved for use on board ships and installations under supervision of the Croatian Register of Shipping.*

**TIP I OPIS PROIZVODA:**

TYPE AND DESCRIPTION OF PRODUCT:

**VENTILATOR** Tip:  
**FAN** Type:**NVT****160, 180, 200****225, 250, 280****315-011, 315-012****355M (spec.izv./spec.constr.), 355-012****400-011****450-011, 450-012, 450M (spec.izv./spec.constr.)****500-011, 500-012, 500M (spec.izv./spec.constr.)****560-011, 560-012, 560M (spec.izv./spec.constr.)****NVTe****159M do/to 280M****159M(ex) do/to 280M(ex)****315M do/to 900M****315M(ex) do/to 900M(ex)****315(ex), 355(ex)****400, 400M (spec.izv./spec.constr.)****400-012****560****NVTr****315M do/to 900M****315M(ex) do/to 900M(ex)****PROIZVOĐAČ:**

MANUFACTURER:

**VENTILATOR – TVUS d.o.o.**

Stubička cesta 3

49246 MARIJA BISTRICA

**HRVATSKA - CROATIA****PROIZVOD UDOVOLJAVA SLIJEDEĆIM PRAVILIMA/PROPISIMA:**

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

**HRB: Pravila za klasifikaciju brodova, Dio 9. – Strojevi****CRS: Rules for the classification of ships, Part 9. – Machines****PODRUČJE PRIMJENE/POSEBNI GRANIČNI UVJETI:**

FIELD OF APPLICATION/SPECIAL OPERATIONAL LIMITS:

**Zrak/ Kapacitet i dobavna visina prema odgovarajućem  $\Delta p$ (Pa),  $V$ (m<sup>3</sup>/s) dijagramu tvrtke VENTILATOR.****Air/ Capacity and delivery pressure according to corresponding  $\Delta p$ (Pa),  $V$ (m<sup>3</sup>/s) diagram of Messrs VENTILATOR.****ODOBRENJE VRIJEDI DO:**

APPROVAL IS VALID UNTIL:

**2015-02-14****UZ UVJETE NAVEDENE NA POLEĐINI**

SUBJECT TO CONDITION OVERLEAF

**Mjesto i datum:** Split, 2011-03-23

Place and date:

**M.P.**

(Seal)

Goran Begović, dipl.ing.

Odobrenje je valjano ako je ovaj proizvod izveden prema slijedećoj dokumentaciji:  
The approval is valid if this product is manufactured in accordance with the following documentation:

**Tip:**  
Type:

**Nacrt broj:**  
Draw.No:

**NVT**

160, 180, 200  
225, 250, 280  
315-011, 315-012  
355M (spec.izv./spec.constr.), 355-012  
400-011  
450-011, 450-012, 450M (spec.izv./spec.constr.)  
500-011, 500-012, 500M (spec.izv./spec.constr.)  
560-011, 560-012, 560M (spec.izv./spec.constr.)

070.006, 070.014, 070.022  
070.030, 070.038, 070.046  
075.513, 075.523  
082.730, 075.524  
075.515  
075.516, 075.526, 081.159  
075.517, 075.527, 081.480  
075.518, 075.528, 082.789

**NVTe**

159M, 160M, 159M(ex), 160M(ex)  
179M, 180M, 179M(ex), 180M(ex)  
199M, 200M, 199M(ex), 200M(ex)  
224M, 225M, 224M(ex), 225M(ex)  
249M, 250M, 249M(ex), 250M(ex)  
279M, 280M, 279M(ex), 280M(ex)  
315M, 315M(ex), 355M, 355M(ex)  
400M, 400M(ex), 450M, 450M(ex)  
500M, 500M(ex), 560M, 560M(ex)  
630M, 630M(ex), 710M, 710M(ex)  
800M, 800M(ex), 900M, 900M(ex)  
315(ex), 355(ex)  
400, 400M (spec.izv./spec.constr.)  
400-012  
560

099.209, 099.208

099.212, 099.213

078.709, 078.721

080.554, 081.007

075.525

078.356

**NVTr**

315M, 315M(ex), 355M, 355M(ex)  
400M, 400M(ex), 450M, 450M(ex)  
500M, 500M(ex), 560M, 560M(ex)  
630M, 630M(ex), 710M, 710M(ex)  
800M, 800M(ex), 900M, 900M(ex)

099.212, 099.213

**Vidi pismo broj 2304/PB/S/966-SG/VD od 25. kolovoza 1988. god.**  
See letter No 2304/PB/S/966-SG/VD of 25<sup>th</sup> August 1988.

**Vidi fax broj 204/TS/VB/JB/200 od 11. veljače 2003. god.**  
See fax No 204/TS/VB/JB/200 of 11<sup>th</sup> February 2003.

Ovo odobrenje ne isključuje zahtjev za nadzorom tijekom izradbe proizvoda kod proizvođača, u skladu s gore navedenim Pravilima.  
This approval does not eliminate the need for inspection during manufacturing of the product into manufacturers shop in compliance with a.m. Rules.

Raččlana

Zamjenjuje potvrdu

09.06.20

02-001231/022502