



**POTVRDA O TIPNOM ODOBRENJU**  
*TYPE APPROVAL CERTIFICATE*

Br/No **03-001134/ 030771**

Potvrđuje se da je ovaj proizvod, u skladu s Pravilima za tehnički nadzor pomorskih 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 technical supervision of sea-going 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:*

**TROFAZNI ASINKRONI KAVEZNI MOTORI BRODSKE ZATVORENE IZVEDBE** tip **8ABZ 132-315**  
*SHIP'S USE THREE-PHASE ASYNCHRONOUS CAGE MOTORS CLOSED CONSTRUCTION* type

**KONČAR-MES d.d.**

Fallerovo šetalište 22

**PROIZVOĐAČ:**  
*MANUFACTURER:*

10000 ZAGREB • HRVATSKA - CROATIA

**PROIZVOD UDOVOLJAVA SLIJEDEĆIM PRAVILIMA/PROPISIMA:**  
*THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:*

**Hrvatski registar brodova:** Pravila za tehnički nadzor pomorskih brodova, Dio 12.  
*Croatian Register of Shipping: Rules for the Technical Supervision of Sea-Going Ships, Part 12.*

**IEC 60034**  
**IEC 60092-301**

**PODRUČJE PRIMJENE/POSEBNI GRANIČNI UVJETI:**  
*FIELD OF APPLICATION/SPECIAL OPERATIONAL LIMITS:*

<b>Stupanj mehaničke zaštite/Degree of mechanical protection:</b>	<b>IP 55, IP 56</b>
<b>Kućište/Frame:</b>	<b>sivi lijev/cast iron</b>
<b>Broj polova/Number at poles:</b>	<b>2/4/6/8</b>
<b>Nazivni napon/Rated voltage:</b>	<b>400 V-50 Hz/ 440 V-60 Hz</b>
<b>Tip službe/Duty type:</b>	<b>S1-S10 IEC Standard</b>
<b>Klasa izolacije/Insulation class:</b>	<b>F/H</b>
<b>Zagrijavanje namota/Temperature rise:</b>	<b>90°K</b>

**ODOBRENJE VRIJEDI DO:** **2012-09-01**  
*APPROVAL IS VALID UNTIL:*

**UZ UVJETE NAVEDENE NA POLEDINI**  
*SUBJECT TO CONDITION OVERLEAF*

**Mjesto i datum** Split, 2008-09-01  
*Place and date*

**M.P.**  
*(Seal)*

Goran Begović, dipl.ing.