

**POTVRDA O TIPNOM ODOBRENJU**
TYPE APPROVAL CERTIFICATE**Br /No** **02-002052/023826**

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:***KORMILARSKI UREĐAJ**
STEERING GEAR**PROIZVOĐAČ:**
*MANUFACTURER:***KOBELT** Co. Ltd

8238 129 St, Surrey, BC V3W 0A6

CANADA**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.***DETALJI O PROIZVODU I UVJETIMA CERTIFIKACIJE DANI SU NA POLEĐINI.***FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.***ODOBRENJE VRIJEDI DO:****2019-10-22***APPROVAL IS VALID UNTIL:***Mjesto i datum:**

Split, 2015-10-22

*Place and date:***M.P.***(Seal)*

Marinko Popović, dipl.ing.

NAPOMENA: Ova potvrda nije valjana ako se proizvod ili način njegove proizvodnje promijenio u odnosu na tipno ispitani proizvod. Proizvođač treba obavijestiti Hrvatski registar brodova o bilo kojoj izmjeni na proizvodu kako bi ishodio valjanu potvrdu.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

PODROBNJI OPIS PROIZVODA:
DETAILED PRODUCT DESCRIPTION:

Elektronički-upravljeni hidraulički kormilarski uređaj
Electronic-controlled hydraulic steering gear

Tip 7080-U16-HTUC
Type

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
6511-AP8-S	Alarm panel for wheelhouse / steering compartment	2
6511-ST3P	Starter & control box (3 phase AC)	1
6511-SP1	Switch Panel	2
6511-SP2	Switch Panel	1
7002-A	1 litre Header tank	1
7005-AL	Variable delivery helm pump	1
7012-AL	Variable delivery helm pump	1
7020	Safety and bypass valve	1
7080-U16	3" steering cylinder, 16" stroke	2
7084-T	Twin tiller arm	2
7163-C	Rudder angle feedback unit	1
7170-A2	NFU jog lever	3
7173-TX4	Transfer box	1
7175-MY-24	Rudder angle indicator (24 V)	1
7178-K24V	Panoramic Rudder Angle Indicator (24V)	1
HPU	Hydraulic Power Unit 3 HP	1

PODRUČJE PRIMJENE / POSEBNI GRANIČNI UVJETI:
APPLICATION / LIMITATIONS:

Moment na kormilu do 15,9 kNm
Rudder torque up to

Nazivni tlak 66 bar
Nominal pressure

Radni kut 2 x 37°
Working angle

DOKUMENTACIJA ZA TIPNO ODOBRENJE:
TYPE APPROVAL DOCUMENTATION:

Proračuni i nacrti odobreni od strane HRB dopisom 2047/TS/IA/023826 **od** 2015-10-21
Calculations and drawings approved by CRS with letter *dated*

OZNAČAVANJE PROIZVODA:
MARKING OF PRODUCT:

- oznaka proizvođača - *manufacturer's mark*
- godina izrade - *year of manufacture*

UVJETI ZA CERTIFIKACIJU:
CONDITIONS FOR CERTIFICATION:

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Rašćlana

Zamjenjuje potvrdu

09.08.01

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