



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NO. **RCD-B-399**

This is to certify that the

Hydraulic Steering Cylinders

with type designation(s)

Kobelt, model:

**7030, 7032, 7040, 7050, 7065, 7067, 7080, 7085, 7085-S,
7087, 7090, 7093, 7094, 7095, 7096, 7098, 7100, 7147**

Manufacturer

KOBELT Manufacturing Company Ltd.

Surrey, B. C., Canada

has been assessed with respect to
the conformity assessment procedure described in Annex VII (Module B) of
Council Directive 94/25/EC on Recreational Craft as amended by Directive 2003/44/EC, and found to comply with the
applicable requirements.

Further details are given overleaf.

**Høvik, 2009-11-30
for Det Norske Veritas AS**



Notified Body No.: **0575**

**Marianne Strand Valderhaug
Head of Section**

**Håkan Lindqvist
Surveyor**

Notice: The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or the applied standards may render this certificate invalid. The product liability rest with the manufacturer or his representative in accordance with Council Directive 94/25/EC as amended

Except for any liability caused by DNV's gross negligence or wilful misconduct, DNV's maximum cumulative liability arising out of or related to the use or reliance of this document shall be limited to USD 300 000.

Jurisdiction

DNV is appointed by the Norwegian Ministry of Trade and Industry as a "Notified Body" under the terms of the Norwegian regulation - FOR 2004-12-20 nr. 1820 "Forskrift om produksjon og omsetning av fritidsfartøy m.v.", and - Article 9 of Council Directive 94/25/EC as amended.

Certificate history

This is a renewal of the original Certificate, RCD-B-126, issued 2004-11-12.
New models are added and all supplements issued after the issue of the previous Certificate have been incorporated.

Product description

Model	B : Balanced U : Unbalanced	Inner Diameter mm / inch	Maximum Pressure MPa / (psi)	Material
7030	B / U	31.8 / 1¼	6.89 / 1000	Brass/Bronze / SS
7032	B	31.8 / 1¼	6.89 / 1000	Brass/Bronze / SS
7040	B / U	38.1 / 1½	10.34 / 1500	Brass/Bronze / SS
7050	B / U	50.8 / 2	10.34 / 1500	Brass/Bronze / SS
7065	B / U	63.5 / 2½	10.34 / 1500	Brass/Bronze / SS
7067	U	63.5 / 2½	10.34 / 2000	Steel / Bronze / Steel
7080	B / U	76.2 / 3	10.34 / 1500	Brass/Bronze / SS
7085	B / U	88.9 / 3½	6.89 / 1000	Brass/Bronze / SS
7085 S	B / U	88.9 / 3½	6.89 / 1000	Brass/Bronze / SS
7087	B / U	88.9 / 3½	13.79 / 2000	Brass / Bronze / Steel
7090	U	114 / 4½	13.79 / 2000	Steel / Bronze / Steel
7093	B / U	101.6 / 4	6.89 / 1000	Brass/Bronze / SS
7094	U	101.6 / 4	13.79 / 2000	Brass/Steel / Bronze / SS
7095	U	127 / 5	13.79 / 2000	Brass/Steel / Bronze / SS
7096	U	152.4 / 6	13.79 / 2000	Steel / Bronze / SS
7098	U	203.2 / 8	13.79 / 2000	Steel / Bronze / SS
7100	U	254 / 10	13.79 / 2000	Steel / Bronze / SS
7147	B	50.8 / 2	6.89 / 1000	Brass/Bronze / SS

Applications/Limitations

To be used in steering system on Recreational Crafts. Any modification made to the components shall immediately be reported to Det Norske Veritas in order to examine whether this certificate remain valid.

Applied Standards/Tests carried out

EN ISO 10592:1995/A1:2000 Small Craft – Hydraulic steering Systems

Test reports:

- 473-6623 August 24. 2000 Prepared by: Intertech Testing Services
- 473-5610 Ed 2 June 15. 1999 Prepared by: Intertech Testing Services
- 16707-34-00-02 April 7. 2009 Prepared by: Powertech.
- 18373-34-00 Aug. 17. 2009 Prepared by: Powertech.
- 18373-34-00 Dec. 7. 2009 Prepared by: Powertech.

Terms and conditions

The following conditions may render this certificate invalid:

- Changes in the design or construction of the product
- Changes or amendments to the Directive
- Changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the Directive

Marking of product

This Certificate is concerned with the design of the product, only. In order to fully meet with the requirements of the Directive and legally affix the CE mark, the manufacturer shall have the final product and/or production assessed according to one of the procedures listed below and finally draw up an EC declaration of conformity.

Conformity assessment procedures for production:

- Conformity to type (Annex VIII/Module C)
- Production quality assurance (Annex IX/Module D)
- Product quality assurance (Annex XVI/Module E)
- Product verification (Annex X/Module F)

Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.