



Lloyd's  
Register

## Type Approval Certificate Extension

*This is to certify* that Certificate No. 97/00187(E3) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Giro Engineering Ltd Talisman Business Centre Duncan Road Park Gate Southampton Hants, S031 7GA United Kingdom (UK)	
<b>PLACE OF PRODUCTION</b>	As above	
<b>DESCRIPTION</b>	Sheathed fuel injection pipes	
<b>TYPE</b>	Sheathed/Unsheathed	
<b>APPLICATION</b>	Marine, Offshore and Industrial on diesel engines, generators and pumps	
<b>STANDARD</b>	Part 5, Chapter 2 of the Rules and Regulations for the Classification of Ships, July 2017	
<b>RATINGS</b>	Maximum Working Pressure	2750 bar
	Maximum Test Pressure	6000 bar
<b>Certificate No.</b>	97-00187(E4)	
<b>Issue Date</b>	29 <sup>th</sup> June 2018	
<b>Expiry Date</b>	1 <sup>st</sup> December 2022	
<b>Sheet</b>	1 of 2	
	Marine Technology & Engineering Services, London or Southampton Lloyd's Register EMEA	

Lloyd's Register EMEA  
71 Fenchurch Street, London EC3M 4BS



LR030-2016-06

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Maximum temperature 160°C

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 97/00187(E4) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 97/00187(E3) to which this extension should be attached.

**Certificate No.** 97-00187(E4)  
**Issue Date** 29<sup>th</sup> June 2018  
**Expiry Date** 1<sup>st</sup> December 2022  
**Sheet** 2 of 2

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