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Certificate No: LR25435823TA  
Issue Date: 28/10/2025  
Expiry Date: 27/10/2030  
Reference: TSO/25-044761-P-1

## LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issued by: GLOBAL TECHNICAL SUPPORT OFFICE

Issued to: Kobelt Manufacturing Co. LTD

For: Helm Pumps, Types 7003, 7005, 7012, 7004 and 7031

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

### APPROVAL DOCUMENTATION

-	Type Approval Application Checklist	09.09.2025
LR21106133TA	Type Approval Certificate (previous)	28.10.2020

### TEST REPORTS

PRJ111005066561	Production Quality Assessment Form	12.12.2025
QF-027	Cylinder Pressure Test Report with 3000 psi for 5 minutes witnessed by Lloyd's Register.	12.12.2025
QF-075	Helm Pump Pressure Test Report with 1500 psi for 5-10 seconds witnessed by Lloyd's Register	12.12.2025

### DRAWINGS

PDS-7003	Model 7003 Variable Delivery Helm Pump Data Sheet	07.2010
PDS-7004	Model 7004 Fixed Capacity Helm Pump Data Sheet	05.2011
PDS-7005	7005 Helm Pump Data Sheet	-
PDS-7012	Model 7012 Variable Delivery Helm Pump Data Sheet	07.2012
PDS-7031	Model 7031 Fixed Capacity Helm Pump Data Sheet	09.2006



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### **Supplementary Type Approval Terms and Conditions**

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

*Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.*

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