Certificate No: LR26464238TA
Issue Date: 13/11/2025
Expiry Date: 12/11/2030

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Habonim industrial Valves & Actuators**
Address	Kibutz Kfar Hanassi, Upper Galilee, 1230500, Israel
Type	Ball Valves
Description	Fire tested soft seated 3-piece ball valves with flange/weld end connections, 47 series valves, sizes 1/4" to 6"
Trade Name	47 valve series / H47 series
Application	47 valve series is approved for use in Marine, offshore and industrial piping systems for essential and non-essential systems, where (fire tested) ball valves are accepted. H47 series is also approved for use in gaseous hydrogen systems, where (fire tested) ball valves are accepted. Series 47 valves are also approved for use with compact actuators.
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships, 2025, Lloyd's Register Test Specification No. 2; BS EN ISO 10497: 2010; API 607: 7th Edition
Ratings	¼ " - 2" (inch) / 8-50 (mm) - Pressure class 900 2 ½ " (inch) / 65 (mm) - Pressure class 600 3" - 4" (inch) / 80-100 (mm) - Pressure class 400 6" (inch) / 150 (mm) - Pressure class 400 Temperature Rating: -55 °C to +230 °C

Downloaded Copy

Torsten Schroeder

Engineering - Piping/ Decarbonisation -
Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR26464238TA
Issue Date: 13/11/2025
Expiry Date: 12/11/2030

Type Approval Certificate

See manufacturer's product catalogue and Design Appraisal Document for use and limitations.

Other Conditions

1. Valves are to be selected, installed and tested in accordance with the manufacturer's recommendations and LR's Rules and Regulations for the Classification of Ships, Part 5, Chapter 12.
2. Material impact test and welding non-destructive tests are to be carried out in accordance with the LR Rules for Materials.
3. Due care should be taken not to over stress the fittings when tightening the bolts.
4. The valves are to be marked with the following information:
• Manufacturer's name or trademark
• Pressure rating
• Temperature range
• Size

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.

Previous Version: LR2051518TA-03

The Design Appraisal Document TSO/26-063994 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.