Certificate No: LR21223887TA
Issue Date: 12/06/2021
Expiry Date: 11/06/2026

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 **Yuanda Valve Group Co., Ltd.**

Address Xiyin Village, Yin Cun Town, Long Yao County, Xingtai City, Hebei Province

Place of Production Yuanda Valve Group Co.,Ltd

Xiyin Village, Yincun Town, Longyao County, Hebei Province

Type Butterfly Valves

Description

Butterfly Valves (Lever or Gear operated)
D71X-10/10Q Series:
DN50-DN200
Working temperature (OC): -10 ~ 65
Max. working pressure (MPa): 1.0

D71X-10K Series:
DN50-DN200
Working temperature (OC): 0 ~ 90
Max. working pressure (MPa): 1.0

D371X-10/10Q Series:
DN250-DN600
Working temperature (OC): -10 ~ 65
Max. working pressure (MPa): 1.0

D371X-10K Series:
DN250-DN500
Working temperature (OC): 0 ~ 90

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Xiaodong Zhang

Lead Specialist and Section Leader for Engineering Section to Lloyd's Register Classification Society (China) Co Ltd

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

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Max. working pressure (MPa): 1.0

Application

Marine, offshore applications subject to the valves complying with LR Rules and Regulations for the particular service.

Specified Standard

Rules and Regulations for the Classification of Ships, July 2020
GB/T12238-2008 Flanged and wafer resilient seal butterfly valves
JIS B2032-1995 Wafer type rubber-seated butterfly valves

Ratings

See Appendix

Other Conditions

For application on a LR classed vessel, the following conditions are to be complied with:-
1. The materials used for valves are to be suitable for the medium and the service for which the piping is intended on-board. The application limitation to valves of cast iron is to be in accordance with the requirements of Rules Part 5, Chapter 12, Section 4.
2. Valves are to be selected and installed in accordance with the manufacturer's instructions and recommendations and to the attending Surveyor's satisfaction.
3. Materials for castings and forgings of Class I, II piping systems are to be produced at a works approved by LR and are in general to be tested in accordance with the Rules for Materials.
4. Where valves intended for installation in pressure piping systems having working pressures exceeding 7 bar, the valves are to be surveyed at the manufacturer's work and to the attending Surveyor's satisfaction.
5. Valves are not to be used in spaces where leakage or failure caused by fire could result in fire spread, flooding or the loss of an essential service.

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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 Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21223887TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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