

APPROVALS - QA

1. Quality assurance system

Alfa butterfly valves are designed and manufactured in accordance with ISO 9001/EN 29001 and module H of the European legislation for Pressure Equipment Directive.

2. Type approvals

Alfa butterfly valves are approved for applications in a number of market areas by international classifications societies. The most important ones are listed in the following table.

MARKET AREA	TYPE APPROVALS
Water supply	WRAS KIWA
Ship building	Lloyds RS Det Norske Veritas Bureau Veritas China Classification Society American Bureau of Shipping
Fire protection systems	TUV
General approval confirming for standard compliance	EN 593 API 609

3. Product certificate

MARKET AREA	PRODUCT CERTIFICATE
Ship building	NKK RINA Lloyds RS Bureau Veritas Korean Register Germanischer Lloyd Russian Maritime Register China Classification Society American Bureau of Shipping

4. Material inspection certificates

Valve parts, eg body, disc, can be supplied on request with inspection certificates of the material supplier (foundry) according EN 10204, 3.1 subject to material type. Other specifications are possible.

5. Testing inspection certificates

All valves are pressure and functional tested after assembly according to internal quality procedures which comply with international standards. Inspection certificates according EN 10204, 3.1, 3.2 can be submitted on request.