



Lloyd's
Register

Type Approval Certificate

This certificate is issued to:

PRODUCER

Flowserve Flow Control GmbH

**PLACE OF
PRODUCTION**

Rudolf-Plank-Straße 2
76275 Ettlingen
Germany

DESCRIPTION

Fire safe soft-seated quarter-turn ball valve

| | ASTM | DIN |
|-----------------|--------------------|-----------|
| Body Material: | A 350 Gr. LF2 | 1.0566.01 |
| Body Material: | A 216 Gr. WCB | 1.0619.01 |
| Body Material: | Stainl. Steel | NIRO |
| Ball Material: | Stainl. Steel | NIRO |
| Shaft Material: | Stainl. Steel | NIRO |
| Soft seat: | PTFE/Stainl. Steel | PTFE/NIRO |

TYPES

FK 79

APPLICATION

In the chemical and petrochemical industry, in on and offshore, oil and gas, installations classed or intended for Classification with Lloyd's Register.

PERFORMANCE TESTS

Fire tests have been satisfactorily carried out in accordance with BS 6755, Part2: 1987 Specification, which also complies in the applicable parts with EN ISO 10497, 2010 and ANSI/API 607 6th Ed.

RATINGS

| | |
|----------------------|---|
| Nominal Dia (mm) | DN15,20,25,32,40,50,65,80 and 100 NPS ½", ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3", 4" |
| Nominal Press. (bar) | PN 10,16,25,40,63 and 100 ANSI Class 150,300,400 and 600 |

Certificate No.

15/00021

Issue Date

12 March 2015

Expiry Date

28 February 2020

Sheet

1 of 2

M Malone

Aberdeen Energy, Compliance Engineering

Lloyd's Register EMEA

Southampton Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF

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Supplementary Type Approval Terms and Conditions

Installation of this equipment for marine applications on LR classed ships is to be in accordance with the applicable Lloyd's Register Rules and Regulations.

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.

| | |
|------------------------|------------------|
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| Sheet | 2 of 2 |

M Malone
Aberdeen Energy, Compliance Engineering

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