

# CERTIFICATE



Industrie Service

**Certificate of Conformity with Technical Requirements In:**  
**API STD 607 Seventh Edition, June 2016/ ISO 10497:2010**

## Fire Test for Quarter-turn Valves and Valve Equipped with Nonmetallic Seats

Certificate No.: 269815

Ref. Test report No.: P-269815

Name of Applicant: ERIKS Flow Control.

Address: Cypresbaan 63 2908 LT Capelle aan den IJssel, The Netherlands.,

We hereby certify that the fire test on below valves have been conducted for above mentioned manufacturer and witnessed by TÜV SÜD Engineer according to requirements of API Std 607 Seventh Edition, June 2016 and ISO 10497: 2010. The testing results of valves meet the requirements of API Std 607 Seventh Edition, June 2016 and ISO 10497: 2010.

### 1. Description of Test Valve\* :

Type (Fig. No. ) of Test Valve	7343, 7383		
Description of Test Valve *	Wafer type Ball Valves		
Valve Size, NPS	NPS 2		NPS 4
Pressure Rating (ANSI Class)	150		150
Valve Body Material	ASTM A351 CF8	ASTM A216 WCB	ASTM A216 WCB
Weight of Test Valve(Kgs)	5.62	5.86	24.20
Drawing No. /Rev.	D40288 (KV-071F) Rev. 0		
Remark: * the technical data of test valve is described in detail on back of this certificate			

### 2. Qualified Range of Valves:

Type (Fig No.) of Test Valve	7343, 7383
Description of Valves	Wafer type Ball Valves
Qualified Pressure Ratings (acc. to API 607 table 4 and ISO 10497 table 3)	Class 150, class 300 (or PN 10, PN16, PN25, PN40)
Qualified Sizes (acc. to API 607 table 2 and 3, ISO 10497 table 2)	NPS2 and below; 2-1/2; 3; 4, 5, 6, 8 (or DN 50 and below; 65; 80; 125; 150; 200)
Qualified Valve Material	Austenitic and ferritic steel with austenitic bolt
Qualified Valves Mass	not less than 75 % of that of the test valve
Ref, Drawing No./ Rev.	D40288 (KV-071F) Rev. 0

This certificate is issued according to API Std 607 Seventh Edition, June 2016 and ISO 10497: 2010 based upon test report for above mentioned test valves.

The additional valve qualification shall be limited to similar valves of same basic design (including calculation method) and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal, filled PTFE and non-filled PTFE etc. according to API Std 607 Seventh Edition, June 2016 and ISO 10497: 2010.

Beijing/ Aug 28<sup>th</sup>, 2020

(Place, date)

Mr. Bingjiang LIU  
 TÜV SÜD Industrie Service GmbH  
 Beijing Office

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Name of Manufacturer: ERIKS Flow Control.

Address: Cypresbaan 63 2908 LT Capelle aan den IJssel, The Netherlands



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### Technical Data of Test Valves

#### 1. Description of Test Valve:

Type of Test Valves	7343, 7383
Description of Valves	Wafer type Ball Valves
Pressure Class	150
Design standard	ASME B 16.34: E2017
Flanged End Standard	ASME B16.5: E2017
Face to Face Standard	ASME B16.10: E2017
Inspection and Test Standard	API 598: E2016

#### 2. Detail of Test Valve:

Part Name	7383/ NPS2	7343/ NPS 2	7343/ NPS 4
Body	ASTM A351 CF8	ASTM A216 WCB	ASTM A216 WCB
Body Cap	ASTM A351 CF8	ASTM A216 WCB	ASTM A216 WCB
Ball	ASTM A351 CF8	ASTM A351 CF8	ASTM A351 CF8
Ball Seat	TFM1600	TFM1600	TFM1600
Stem	ASTM A276 316	ASTM A276 316	ASTM A276 316
Thrust washer	PTFE	PTFE	PTFE
O-ring	FKM	FKM	FKM
Packing	Graphite	Graphite	Graphite
Bushing	304	304	304
Gland	316	316	316
Belleville washer	301	301	301
Stem nut	ASTM A194 8	ASTM A194 8	ASTM A194 8
Stop-lock-cap	304	304	304
Lock device	304	304	304
Handle	CF8	CF8	CF8
Handle sleeve	VINYL plastic	VINYL plastic	VINYL plastic
Body gasket	316ss+graphite		
Stop washer	304	304	304
Set screwed	A2-70	A2-70	A2-70
Handle adapter	CF8	CF8	CF8
Pipe handle	A53+Zn plated	A53+Zn plated	A53+Zn plated
Handle sleeve	Vinyl plastic	Vinyl plastic	Vinyl plastic
Triangle stopper	304	304	304
Bolting	A193 B8	A193 B8	A193 B8

Beijing/ Aug 28<sup>th</sup>, 2020

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