

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.: 269804

Ref. Test report No.: P-269804

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	7245	7285	7245
Description of Test Valve *	2pcs Flanged End Ball Valves		
Valve Size, NPS	2	2	4
Pressure Rating (ANSI Class)	150		
Valve Body Material	ASTM A216 WCB	ASTM A351 CF8M	ASTM A216 WCB
Weight of Test Valve(Kgs)	7.49	8.2	29
Drawing No. /Rev.	D36538 Rev. 2	D36541 Rev. 2	D36538 Rev. 2
Remark: * the technical data of test valve is described in detail on back of this certificate			

2. Qualified Range of Valves:

Type (Fig No.)	7245, 7249, 7257, 7285, 7289, 7297, 72451, 72491, 72571, 72851, 72891, 72971, 7248, 7288, 72481, 72881
Description of Valves	2pcs Flanged End Ball Valves
Qualified Pressure Ratings	Class 150, class 300 or PN10, PN16, PN25, PN40
Qualified Sizes	NPS2 and below; 2-1/2; 3; 4; 5; 6; 8; or DN50 and below; 65; 80; 100; 125; 150; 200
Qualified Valve Material	Ferritic and Austenitic steel
Qualified Valves Mass	5.62 kgs and larger
Ref, Drawing No./ Rev.	D36538 Rev. 2; D36539 Rev. 2; D36540 Rev. 2; D36541 Rev. 2; D36542 Rev. 2; D36543 Rev. 2

This certificate is issued according to API Std 607 Seventh Edition, June 2010 and ISO 10497: 2010 based upon the 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, etc, filled PTFE and non-filled PTFE. according to API Std 607 Seventh Edition, June 2016 and ISO 10497: 2010.

Beijing/ JUL 20th, 2020

(Place, date)


Mr. Bingjiang LIU
TÜV SÜD Industrie Service GmbH
Beijing office

Certificate No.: 269804

Ref. Test report No.: P-269804

Name of Manufacturer: ERIKS Flow Control.

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



Industrie Service

Technical Data of Test Valves

1. Valve Type: 2 PCS Flanged End Ball Valves

2. Description of Test Valve:

Type of Test Valves	7245	7285	7245
Description of Valves	2 PCS Flanged End Ball Valves		
Pressure Class	150		
Valve Size, NPS	2	2	4
Test Valve SN.	12/14.05001	12/14.05002	12/14.05006
Flanged End Standard	ASME B16.5: E2017		
Face to Face Standard	ASME B16.10: E2017		
Inspection and Test Standard	API 598: E2016		

3. Detail of Test Valve:

Part Name	Material		
Body	ASTM A216WCB	ASTM A351 CF8M	ASTM A216 WCB
Body End	ASTM A216WCB	ASTM A351 CF8M	ASTM A216 WCB
Ball	ASTM A351 CF8M	ASTM A351 CF8M	ASTM A351 CF8M
Seat Ring	PTFE (TFM1600)	PTFE (TFM1600)	PTFE (TFM1600)
Stud	ASTM A193 B7	ASTM A193 B8	ASTM A193 B7
Stem	ASTM A276 316	ASTM A276 316	ASTM A276 316
Antistatic Device	AISI 304	AISI 316	AISI 304
Thrust Washer	PTFE	PTFE	PTFE
O-Ring	Elastomer	Elastomer	Elastomer
Stem Seal	Graphite	Graphite	Graphite
Bush	AISI 304	AISI 304	AISI 304
Gasket	SPW316+PTFE+Graphite	SPW316+PTFE+Graphite	SPW316+PTFE+Graphite
Gland	AISI 304	AISI 304	AISI 304
Stem Nut	ASTM A194 8	ASTM A194 8	ASTM A194 8
Gland Bolting	A2-70	A2-70	A2-70
Belleville Washer	AISI 301	AISI 301	AISI 301
Body Nut	ASTM A194 2H	ASTM A194 8	ASTM A194 2H
Weight of Test Valve(Kgs)	7.49	8.2	29
Design Drawing No.:	D36538 Rev. 2	D36541 Rev. 2	D36538 Rev. 2

Beijing/ JUL 20th, 2020

(Place, date)

Mr. Bingjiang LIU

TÜV SÜD Industrie Service GmbH

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