



**TÜVRheinland®**  
Precisely Right.

# CERTIFICATE

GF1.1(T) FS 09-0038

Certificate of conformity with technical requirements in :

**ANSI/API STD 607 – 5<sup>th</sup> Edition, 2005**  
**(Identical to ISO 10497-5:2004)**

Report No.: FT0964093 Date: 2008/12/30

Name of applicant / license holder : MODENTIC INDUSTRIAL CORPORATION

Name, Address of manufacturer : 14F-1, No. 57 Taya Road,  
Taichung, Taiwan

Herewith is stated that a conformity test according to the a.m. standard has been conducted. The maximum allowed leakage rates according to the a.m. standard have not been exceeded by the test specimen.

Model Identification:	HV49FS01, Rev. 1 2009/01/12
Nominal Size / Pressure :	2" / ANSI Class 1500
Type of Valve :	3 Pcs Reduced Bore Socket weld Ball valve
Material of Valve Body :	ASTM A105
Range of Qualifications	
<b>Qualified Sizes :</b>	2" and below; 2-1/2; 3"; 4" for model HPV-40FS 1/2, HPV-40FS 2/2, HPV-41FS 1/2, HPV-41FS 2/2, 1-1/2" for Model HPV-43FS, HPV-42FSTC/EB.
<b>Qualified Ratings :</b>	ANSI Class 1500, 2500; PN 260, 420
<b>Materials :</b>	ASTM A105, PTFE
Technical details of components :	See appendix in test report

*This certificate refers to the above mentioned product. This is to certify that the test specimen provided is in conformity with the standard(s) mentioned above. This certificate does not imply assessment of the production of the product.*

(Ort, Datum)

Taipei, Taiwan.



TÜV Rheinland Taiwan Ltd.

James W. C. Liu (Manager)



**TÜVRheinland®**  
Precisely Right.

Appendix

Certificate No.

Our Reference

1

GF1.1(T) FS 09-0038

FT0964093

**Constructional Data Form (CDF)**

1.1 Licenceholder: **MODENTIC INDUSTRIAL CORPORATION**  
(full name and address)

1.2 Factory: **MODENTIC INDUSTRIAL CORPORATION**  
(full name and address) **14F-1, No. 57 Taya Road,  
Taichung, Taiwan**

1.3 Product Identification: **HPV-40FS**

1.4 Type Designation: **3 Pcs Reduced Bore Socket weld Ball valve**

2.1 Technical data :		Nominal Size		Remark
		---	2"	---
(a)	Class/ANSI Class	---	ANSI Class 1500	---
				Nominal Pressure
(b)	Body	---	ASTM A105	---
	End Cap	---	ASTM A105	---
	Ball	---	ASTM A351 Gr. CF8M	---
	Ball seat	---	PTFE	---
	Stem	---	17-4PH	---
	Seal	---	Graphite	---
	Bolt	---	SS304	---
				Material
				Material
				Material
				Material
				Material
				Material
(c)	Technical Drawing	---	HPV40FS-1, Rev. 1 2009/01/12	---
				Assembly Dwg. Attached/Report

**3. Additional Qualification of other valves, covered by valves tested (according Table 3 § 4 API 607) :**

ANSI Class:	---	ANSI Class 1500, 2500; PN 260, 420	---	---
Sizes Qualified :	---	2" and below; 2-1/2; 3"; 4" for model HPV-40FS 1/2, HPV-40FS 2/2, HPV-41FS 1/2, HPV-41FS 2/2; 1-1/2" for Model HPV-43FS, HPV-42FSTC/EB.	---	---
Materials (Body) Qualified :	Material listed in ASME B16.34, Table 1			



Taipei, Taiwan.  
(Place)

02.02.2009  
(Date)

(Stamp and Signature TÜV Rheinland Group)